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ABSTRACT

The PIPS (People in Products and Services) guidebook is to be used by teachers in conjunction with Career Education: An Idea Book, and is intended primarily to provide suggestions for classroom teachers for developing K-6 career awareness programs. The theme of career development must emphasize people, not just products, to make the program relevant to the student. The first part of the document consists of grade level guides for K-6 and lists the goals, concepts, and objectives to be taught, coordinated with suggested activities from the Idea Book. The remaining half of the document contains supplementary materials including sample units on health careers, occupational cluster diagrams, suggested student evaluation activities, and 27 pages of current listings of local resources and field trips. (BP)

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People in Products and Services

Guidebook to be used with Idea Book

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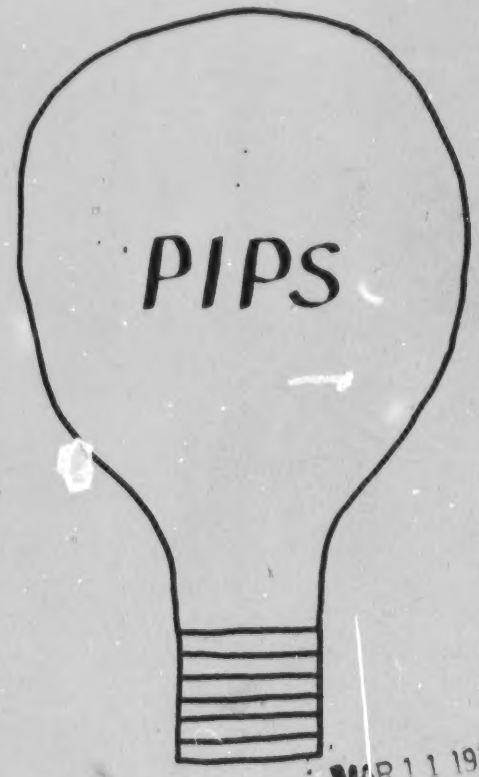

Career Awareness Program K-6

Portland Public Schools – Area II

MAR 1 1 1975

PIPS

PEOPLE IN PROCUCTS AND SERVICES

Guidebook to be used with Idea Book

Career Awareness Program K-6
Portland Public Schools - Area II

Dr. Don James
Superintendent
Area II

1972-1973

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PURPOSE

This is a resource book to be used in conjunction with Career Education An Idea Book, primarily to provide suggestions for classroom teachers who look ahead somewhat fearfully to developing career awareness programs. Allowance is made for the individualism of the teachers. However, teachers must be aware of the fact that if career awareness is to be meaningful, the program must be flexible to provide for differences in students and differences in communities.

To make education relevant, the entire school program must emphasize the theme of career development: PEOPLE, not just products.

COMMITTEE FOR: PEOPLE IN PRODUCTS AND SERVICES

CAREER AWARENESS PROGRAM K-6

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GOALS FOR CAREER DEVELOPMENT PROGRAM FOR PORTLAND PUBLIC SCHOOLS

1. Students in the primary and middle elementary grades will gain a better understanding of work as a function of man, become familiar with the kinds of work men do, develop an appreciation of the applications of the different disciplines to careers and have the opportunity to relate individual interests and abilities to potential careers.

2. Educational experiences available in grades 7-10 will permit students to explore many of the major career fields with sufficient depth to facilitate a realistic, though perhaps tentative, career choice.

3. Career education programs will be provided to enable students to prepare for the occupational fields of their choice by acquiring skills and knowledge that will enable them to (a) obtain entry-level employment upon leaving school and (b) continue their occupational preparation in post-high school institutions or in business and industry.

4. Career guidance services will be provided to assure that every student on all grade levels will receive the help he needs in assessing his personal interests, aptitudes and abilities in making realistic career choices, and in planning an appropriate career education program.

Source:

A Program of Career Development
Portland Public Schools
Adopted, June, 1971

THE OVERALL PROGRAM GOAL FOR AREA II CAREER EDUCATION

Every learner shall, upon completion of his public school education, possess sufficient knowledge of many occupational fields, including knowledge of entry requirements, to be able to make an informed though tentative, selection of an occupational field and shall have developed competencies that enable him to enter into employment or an advance training program in that field.

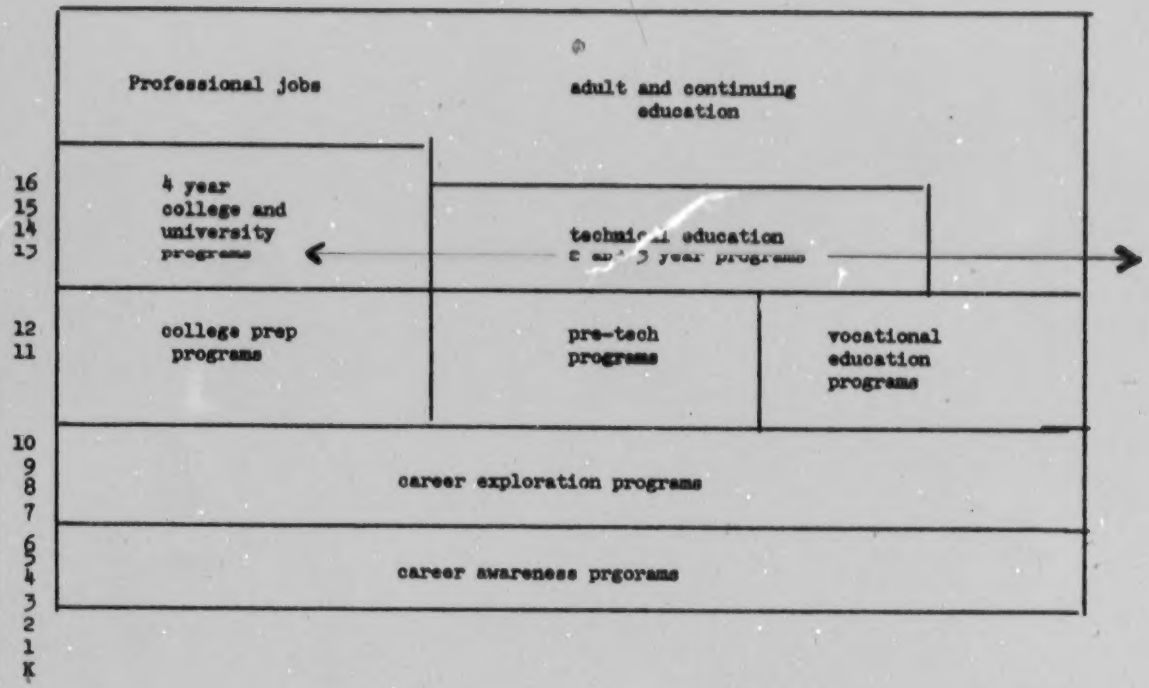
THE GOAL FOR AREA II KINDERGARDEN THROUGH GRADE SIX LEVEL PROGRAM

Every learner shall, upon completion of the kindergarden through grade six portion of his public school education, have developed an awareness of the world of work, including: knowledge of duties and entry requirements of many occupations; knowledge of contribution and interdependence of work done by members of society; knowledge of relationship existing between productive employees and successful institutions in society; demonstrated application of subject matter competencies to work performed in occupations; choice of an occupational field in which to have hands-on exploratory experiences beginning in grade 7.

Source:

Area II Goals
Adopted November, 1971

CAREER EDUCATION PROGRAM



Career awareness is the foundation of the entire program and is the responsibility of K-6 teachers.

GRADE LEVEL GUIDES K-6

KINDERGARTEN AND GRADE ONE

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the reward available.

2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's person aptitudes, attitudes, and interests.

OBJECTIVES

Every learner upon the completion of grade one will be able to:

1. Assume responsibility for classroom jobs and evaluate.

2. Choose independent activities within the room.

3. Recognize that all people do not have the same interests or abilities.

4. Discuss "attitudes" about work in which we participate at home and school.

5. Identify several occupation which a person may choose.

6. Talk about occupations in which interested and evaluate.

KINDERGARTEN AND GRADE ONE

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work.
2. There are many kinds of work.
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards—financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon the completion of grade one will be able to:

1. Recognize that there is work to be done within the school.
2. Identify the jobs which people do within a school.
3. Recognize that there is work to be done in a home.
4. Recognize that family members also work outside the home.
5. Recognize that parents in their occupations are also community helpers.
6. Recognize that people have more than one job.
7. Recognize that being a student is his present job.
8. Understand that there are various rewards for performing work.
9. Identify the goods and services produced in the community.
10. Discuss one or more occupational areas.

KINDERGARTEN AND GRADE ONE

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
   —preparation for the work
   —ability to work with others
   —employability "traits"
   —organizational pattern
   —resources available
   —division of labor
   —level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon the completion of grade one will be able to:

1. Name, use, maintain, and store all tools and materials necessary to perform required classwork at any level.
2. Comply with school standards of behavior and tell the reason why.
3. Practice communication skills with fellow students.
4. Listen and follow directions for doing various jobs in the classroom.
5. Recognize that learning is a continuous process.
6. Relate basic skills of computation and communication to familiar occupations.
7. Practice good grooming and recognize that food is related to health.
8. Describe the work done, clothes worn, and tools used by workers.
9. Evaluate the interdependency of workers in a work situation when everyone has an assigned job.

KINDERGARTEN AND GRADE 1

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
I. SCHOOL		#18. Classmate of the Week 85. Division of Labor at School 112. Services and Goods 144. Let's Play Librarian 148. Janitor's Job 210. Job Responsibility 211. Class Helpers 212. Special Names Given to Leaders
A. School Helpers		
Nurse	Nurse in hospital	
Principal	Managers	
Secretary	Office Secretary	
Custodian	Building custodians, maids in motels, hotels	
Cook	Restaurant cook, waitress	
Teacher	Many types of teachers - mothers, ministers, Rabbi, club leader	
B. Room Helpers		
Chairman	Principal, teacher, manager	
Librarian	Librarian and Library Aides	
Messenger	Postmen	
Floor Monitor	Custodian	
Wastebasket Monitor	Garbage collectors, Sanitary Engineers	
Weatherman	Weather Forecaster, T.V. and radio announcer	
II. HOME AND FAMILY		40. The Home and Family 41. Goods and Services 42. All Families Need Goods 43. Families Have Basic Needs 44. Home and Family 71. Mathematic Store 72. Play Store 82. What Do Parents Do? 88. Indoors - Outdoors 171. Kinds of Houses 172. We Are Carpenters 220. Occupational Riddles 238. Johnny's Work
A. Family Workers		
Around the Home	Cleaning, Housekeeping, cooking, babysitting	
	Emptying garbage, garbage collector	
Away from home	Identify parents individual jobs - use survey form in Idea Book #272	
B. Basic Family Needs		
Food	Dietitian	
Shelter	Construction worker, cement worker, brick layer, Plumber, electrician, painter, roofer, architect, lumberjack	
Clothing	Factory workers, seamstress, store clerk, buyer, designer	

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
III. ANIMALS		
A. Domestic Animals		
School	Child responsible for classroom pets	
Home	Child responsible for own pets	19. Aesop's Fables
Neighborhood	Veterinarian & assistants, pet breeders, pet trainers, jockey	150. Animal Doctor 151. Care of Pets
	Child responsible for neighbors' pets	195. Stuffed Career Characters
B. Wild Animals		
Forest	Forest Rangers, game warden	
Zoo	Zoo keeper, zoo veterinarian	
Circus	Animal trainers, animal handlers	
IV. FARM		
A. Types of Farms		
Animal	Butcher, cowboy, drover Pickers, farmer, fruit sorter, packagers, Cannery operators, dairy workers	
Plant	Florist, nurseryman, gardener, grain farmer	58. Raising Vegetables
B. Types of Machinery & Tools	Tractor driver, combine operator Milk machine operator	59. How Farming is Changing 127. Specialization and Use of Tools 223. Career Quiz Game

GRADE TWO

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by mary factors, including the need for work, availability of work, experential background, interests, aptitudes, capabilities, need for security and the rewards available.

2. Satisfaction with one's occupation is facilitiated by the selection of an occupation which is consistent with one's personal aptitudes and interests.

OBJECTIVES

Every learner upon the completion of grade two will be able to:

1. Assume responsibility for classroom jobs and evaluate

2. Choose occupation in which interested.

3. Recognize that all people do not have the same interests or abilities.

4. Discuss attitudes or feelings about work at home, school, and in the community.

GRADE TWO

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities.

CONCEPTS

1. People work.
2. There are many kinds of work.
3. People may assume manifold work responsibilities.
4. Work has different kinds of rewards—financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner will upon the completion of the grade two will be able to:

1. Recognize that being a student is his present career.
2. Identify and investigate some occupations in community.

GRADE TWO

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent

2. The performance of work is facilitated by
   —preparation for the work
   —ability to work with others
   —employability "traits"
   —organizational pattern
   —division of labor
   —level of knowledge and skill development

3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.

4. Continuing education is essential to the maintenance of work skills and/or adaptations to changing job scene.

5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon the completion of grade two will be able to:

1. Name, use, maintain, and store all tools and materials necessary to perform required classwork at any grade level.
2. Comply with school standards of behavior and tell the reasons why.
3. Relate basic skills of computation and communication to familiar occupation.
4. Recognize that learning is a continuing process.
5. Recognize that health habits may affect job performance.
6. Identify some of the attitudes, knowledge and skills needed to perform an occupation.
7. Evaluate the interdependency of workers in a work situation when everyone has an assigned job.
8. Know the factors contributing to a worker's success.

GRADE TWO

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
COMMUNITY HELPERS		
Food Services	Cook, waiter, waitress, farmer, dishwasher, bus boy, grocery clerk, meat cutter, baker salad maker, checker, dietitian	#82. What Do Parents Do? 125. Trade Tools 126. Tools of the Trade 194. The Bakery 212. Special Names Given to Leaders Visit grocery stores, meat markets, bakeries. How many workers do you see in each?
Community Services		
Sanitary & garbage collectors Electric light company Gas Co. Water & Sewage Dept. Recreation Library Zoo	Truck driver, garbage collecters, lineman, technicians, engineers, meter readers, repairmen, ditch digger, machine operator, aides, Park Bureau, maintenance, gardeners, Librarians, aides, Veterinarian, Zoo Keeper, animal handlers, Dietitian, Food handlers	16. Happiness Is 81. All Jobs are Important 82. What do Parents Do? 195. Stuffed Career Characters 210. Job Responsibility 211. Class Helpers Visit the library - get library card Visit local parks and zoo 270. Community Service
Policeman	How many kinds of policemen are there? Detectives, Safety, highway patrol, Motorcycle, Protective Division, Policewomen, etc.	41. Goods and Services 43. Families have basic Needs 44. Home and Family Have a policeman visit and tell about his duties Field trip to police headquarters Illustrate and dramatize safety lessons
Fireman	Truck drivers, hose carriers, fire fighters, para-medics, fire boat, laddermen, etc.	Visit Fire Station Invite fireman to visit and tell about his duties Have each child know 2 ways out of his home in case of fire.

GRADE TWO (con't)

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
Health	Doctors, nurses, aides, dietitians, dentists hospital, laboratory workers, custodial workers, office workers, druggist, ambulance driver	#10. Health habits for 1 week 11. Health Fun 12. Healthy Success 13. Good Grooming 42. All Families Need Goods 177. A Folding Puppet Stage
Postman	Mail carriers, sorters, truck drivers, special delivery, stamp sellers	220. Occupational Riddle 222. What's My Line? Visit the Post Office #141. Post Office 142. Let's Play Mailman
TRANSPORTATION		
Rail	Clerks, typists, conductors, engineers, ticket agents, track layers, track maintenance, superintendent or foreman	Take a short train ride to Vancouver, WN Learn to use a timetable Remember that every occupation requires promptness, and job responsibility
Bus-Trucks	Clerks, typists, drivers Package handlers, ticket seller	236. Do You Know the Truck Driver? What kinds of truck drivers can you name? What types of buses do we have?
Airlines	Pilots, engineers, air traffic control operators, ticket clerks, reservation clerks, food handlers, stewards and stewardesses, maintenance crews for aircraft and airports, weatherman, baggageman	Visit the Airport How important is weather? A weather unit can be utilized during this time.
COMMUNICATIONS		
Television Radio Newspapers Telephone	Announcers, equipment operators, cameramen, editors, reporters, electricians, photographers, printers, artists Lineman, operator, equipment and electronic technicans, supervisor, salesman	See Idea Book for field trip information 131. What Will I Be? 132. Newspapers, magazines, books 133. Class Newspaper 177. Dramatize a TV show using puppet stage

GRADE TWO (con't)

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
SCIENCE	Scientists - Everyone to help clean up the atmosphere, water, earth	110. Environmental Control Clean up School yard - taking turns picking up paper, cans, etc. on street
ECOLOGY		Be responsible for own clean up in room
CONSERVATION		Designate a student as a room ecologist to find out how excess or waste paper can be used rather than thrown away

GRADE THREE

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiental background, interests, aptitudes, capabilities, need for security and the rewards available.

2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes, and interests.

OBJECTIVES

Every learner upon completion of grade three will be able to:

1. Assume responsibility for classroom jobs and evaluate.

2. Select a career in which interested.

3. Analyze attitudes toward work.

4. Analyze and compare reasons why people prefer certain occupations

5. Evaluate personal attributes related to employability.

GRADE THREE

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work
2. There are many kinds of work
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards—financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or service.

OBJECTIVES

Every learner upon completion of grade three, will be able to:

1. Study and identify businesses and occupations.
2. Identify the many occupations, and the interdependency of each.
3. Explore potential careers that develop from hobbies.
4. Contrast job opportunities in communities
5. Analyze the changing nature of career opportunities

GRADE THREE

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment.

CONCEPTS

1. Workers are interdependent.
2. The performance of work is facilitated by:
   —preparation for the work
   —ability to work with others
   —employability "traits"
   —organizational pattern
   —resources available
   —division of labor
   —level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES - Every learner upon completion of grade three will be able to:

1. Name, use, maintain, and store all tools and materials necessary to perform required classwork.
2. Demonstrate acceptance of responsibility for self by moving within school facility without supervision.
3. Practice communication skills with fellow students.
4. Relate basic skills of computation and communications to familiar occupations.
5. Evaluate competence in vocabulary studies.
6. Plan and follow a weekly schedule which will promote good performance in school.
7. Examine qualifications needed by people in different jobs.
8. Examine the health and safety standards for workers in various occupations.
9. Identify how a job may change.
10. Recognize that similar jobs can be done in different businesses.
11. Analyze how specialization and division of labor affects the quality and quantity of goods produced.
12. Analyze the contribution each worker makes to a given industry or business.
13. Analyze factors relating to attaining and maintaining job.

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
Third Grade teachers are asked to follow the career awareness scope and sequence for Second Grade in greater depth and include the additional topics listed below.		
City Government	Inspector and Mayor, Councilman, Tax Collector, Office Worker, license clerks, judge	#105. Inspectors and Inspections 122. Work and a Growing City Draw city map.
Weather - Bureau	Weatherman, Radio - T.V. Commentatese	138. Weather and Jobs 139. Weather Bureau
Portland Airport	Air Traffic Control Cafeteria and other food workers, engineer, mechanic, sales people, office worker, weather bureau, pilots, parking attendant, reservations clerk, baggage clerk, steward, stewardess, freight clerk, insurance worker, radio operator	221. Who Fits in These Shoes? 229. Dramatization: "A Busy Airport"
Community Helpers Food Services	Cook, waiter, waitress, farmer, dishwasher, busboy, grocery clerk, checker, meat cutter, Baker, school cafeteria worker, cannery worker, dietitian	82. What Do Parents Do? 125. Trade Tools 126. Tools of the Trade 194. The Bakery 212. Special Names Given to Leaders
Community Services Sanitary and Garbage Water bureau and Sewage	Garbage collectors, truck driver, sewage disposal worker, Meter reader, maintenance, gardeners, engineer, bookeeper, ditch digger	Visit grocery stores, meat market, bakeries How many workers do you see in each? 81. All Jobs are Important 57. Changing Times 58. Raising Vegetables 59. How Farming is Changing 63. Power of Advertising 70. Working in a Service Station 72. A Play Store

GRADE THREE (con't)

Scope and Sequence	Suggested Related Workers	Suggested Activities from Idea Book
COMMUNITY SERVICES (con't)		
		80. There is Honor in Work 110. Environmental Control 122. Work and a Growing City 146. Service Careers 148. Janitor's Job 236. Do You Know the Truck Driver?
Types of Buildings	Inspectors - electrical, plumber, building, zoning engineer, contractor, plumber, carpenter, electrician, brick mason, cement worker, glazier, painter, roofer	222. What's My Line? 223. Career Quiz Game 232. Occupation Game 270. Community Survey 271. Meaningful Environment
Bridges	Bridge attendant, painter, paver, engineer, construction worker, safety inspector	210. Job Responsibility 230. Job Application Dramatization Draw different types of bridges Identify bridges on City of Portland map

GRADE FOUR

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests.

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the rewards available.
2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes and interests.

OBJECTIVES

Every learner upon completion of grade four, will be able to:

1. Assume responsibility for classroom jobs and evaluate performance
2. Evaluate personal attributes related to employability.

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work
2. There are many kinds of work
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards—financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment
5. An "Occupation" or "Career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon completion of grade four will be able to:

1. Identify and evaluate rewards that are received from jobs
2. Analyze variety of career possibilities in communities
3. Analyze the changing nature of job opportunities in terms of technology and the needs of people.

GRADE FOUR

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent
2. The performance of work is facilitated by
   —preparation for the work
   —ability to work with others
   —employability "traits"
   —organizational pattern
   —resources available
   —division of labor
   —level of knowledge and skill development
3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.
4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.
5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon completion of grade four will be able to:

1. Utilize mathematical knowledge to produce an item.
2. Analyze the need for good communication skills.
3. Recognize that a given skill or knowledge may be applied in a number of work situations.
4. Identify how a job may change.
5. Recognize that jobs require interdependency among workers.
6. Recognize that experience brings greater efficiency and skills to a job or related work activity.
7. Realize that health is a factor contributing to a worker's success.

GRADE FOUR

Refer to Sheet 1, Fourth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 1 Concepts	Objectives	Subject Areas		Suggested Activities from Idea Book
	1.	Guid., H/S, L.A.	(1)	# 2. Evaluating Self
		Guid., H/S, L.A.		6-7. Evaluating Self
	2.	Guid., H/S, L.A.	(2)	10. Health Habits
		Guid., H/S, Econ., L.A.		15. Rating Traits
		Guid., H/S, Econ., L.A.		14. Rating Work Habits
		Guid., L.A.		19. Aesop's Fables
		Guid., Econ., S.S.		17. Why Some People Are Poor
Goal 2 Concepts	**Objectives**			
	1.	Guid., H/S, Econ., L.A.	(1)	# 16. Happiness Is
		Guid., L.A.		18. Classmate of the Week
		Guid., Econ., S.S.		81. All Jobs Are Important
	2.	Guid., Econ., S.S., Math	(2)	# 83. What's In a Job?
		Guid., Econ., S.S.		85. Division of Labor at School
		Guid., Econ., L.A., S.S.		115. How Many Jobs Do I Know?
	3.	H/S, Econ., L.A., S.S., Math	(3)	#271. Meaningful Environments
		Guid., Econ., L.A., S.S.		94. Future Career
		Econ., S.S., Math		50. Bartering
		Econ., S.S., Math		56. Government Resources

GRADE FOUR (con't)

Refer to Sheet 1, Fourth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 3

Concepts	Objectives	Subject Areas		Suggested Activities from Idea Book
	1.	Econ., L.A., S.S., Math	(1)	# 73. Graphing Statistics
	2.	Guid., Econ., L.A., S.S.	(2)	#270. Community Survey
		Math, L.A., S.S.		135. What's In a Cartoon?
		L.A., S.S.		109. Public Speaking
		Guid., L.A.		121. Levels of Skill
	3.	H/S, Econ, S.S.	(3)	58. Raising Vegetables
		Econ., S.S., Math		65. Measurement Application
		Econ., Math		66. Comparing Container Values
		Guid., H/S, L.A.		111. Piling and Keeping Things in Order
	4.	H/S, Econ., S.S., Math	(4)	59. How Farming is Changing
		H/S, Econ. L.A., S.S.		61. The History of An Invention
	5.	Econ., L.A., S.S.	(5)	51. Business Exchange
		Econ., L.A., S.S.		122. Work and A Growing City
		Econ., S.S.		128. Help Wanted
	6.	Econ., L.A., Math	(6)	68. Flea Market
		Econ., Math		70. Working in a Service Station
		Econ., S.S., Math		71. Mathematics Store
		Econ., S.S., Math		72. A Play Store
		Guid., H/S, Econ. L.A., S.S., Math		123. What I Need to Know
	7.	Guid., H/S, L.A.	(7)	10. Health Habits For One Week
		H/S, S.S.		12. He althy Success
		H/S, Econ., S.S.		103. A Class Safety Engineer
		Guid., H/S, L.A., S.S., Math		105. Inspectors and Inspections

GRADE FIVE

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests

CONCEPTS

1. Individual is influenced in the choice of work by many factors, including the need for work, availability of work experiential background, interests, aptitudes, capabilities, need for security and the rewards available.

2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes and interests.

OBJECTIVES

Every learner will upon the completion of grade five be able to:

1. Assume responsibility for classroom jobs and evaluate.

2. Relate identified interests and abilities to occupational choice and to degree of satisfaction.

3. Explore interrelationship between attitude, ability, experiences, and performance.

GRADE FIVE

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities

CONCEPTS

1. People work
2. There are many kinds of work
3. People may assume manifold work responsibilities
4. Work has different kinds of rewards—financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of technological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon the completion of grade five will be able to:

1. Identify the many kinds of work and occupations, and the interdependence of each.
2. Explore several occupational areas.
3. Recognize that career selection may be based on a hobby.
4. Identify similar and contrasting job opportunities.
5. Analyze the changing nature of career opportunities.
6. Name and examine a variety of occupations.

GRADE FIVE

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment.

CONCEPTS

1. Workers are interdependent

2. The performance of work is facilitated by
   —preparation for the work
   —ability to work with others
   —employability "traits"
   —organizational pattern
   —resources available
   —division of labor
   —level of knowledge and skill development

3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.

4. Continuing education is essential to the maintenance of work skills and/or adaptation to changing job scene.

5. People may work at several different occupations during their employment years.

OBJECTIVES

Every learner upon the completion of the grade five will be able to:

1. Analyze need for knowledge of good communication skills

2. Examine attributes needed by people in a number of different occupations.

3. Identify how industry may change because of resources

4. Recognize that similar jobs can be done in several businesses

5. Analyze and evaluate the contribution and interdependency of industries or businesses

6. Examine the process of getting and keeping a job

GRADE FIVE

Refer to Sheet 1, Fifth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 1

Concepts	Objectives	Subject Areas		Suggested Activities from Idea Book
	1.	Guid., L.A.	(1)	#210. Job Responsibility
				18. Classmate of the Week
	2.	Guid.,Health,Sci.,L.A.	(2)	3. View and Analyze Self
		Guid.,Health,Sci.,L.A.		5. Rating Interest Areas
				7. Evaluating Yourself
	3.	Health, S.S.	(3)	12. Healthy Success
		Guid.,Health,Econ.,L.A.		15. Rating Traits Important to Job
		Guid., Health		16. Happiness Is—

Goal 2

Concepts	Objectives			
	1.	Guid., H/S, L.A.,S.S., Math	(1)	#105. Inspectors and Inspections
		" " , Econ., L.A.,SS,Math		108. Teachers For A Day
		Sci., S.S.		110. Environmental Control
		Guid., H/S, S.S.		115. How Many Jobs Do I Know?
		Econ., S.S.		128. Help Wanted
		Guid., H/S, S.S.		146. Service Careers
	2.	Guid., L.A.	(2)	#106. How To Be a Good Salesman
		Econ.,L.A., S.S.		113. Hats of The Trade
		Guid., L.A.,S.S.		116. Similarities & Differences in Occupations
		Guid., H/S, Econ.,L.A., S.S., Math		118. Where Are The Jobs?
		H/S, S.S.		152. Greenhouse Growing
		H/S, S.S., Math		153. Percentage of Water in Foods
	3.	Guid., H/S, S.S.	(3)	119. Fun and Careers
		L.A., S.S., Math		234. Record Holders
	4.	Econ., L.A.,S.S.	(4)	134. Journalism

GRADE FIVE (con't)

Refer to Sheet 1, Fifth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal #2 (con't)

Concepts	Objectives	Subject Areas		Suggested Activities from Idea Book
	5.	L.A., S.S.	(5)	#231. Job Cluster Game
		Econ.,S.S.,Math		50. Bartering
		Econ.,S.S.,Math		56. Government Resources
		Econ., S.S.		62. Inventions
	6.	H/S, Econ.	(6)	138. Weather and Jobs
		H/S, S.S.		145. Who Fixes What?
		L.A., S.S.		222. What's My Line?
		H/S, L.A., S.S.		223. Career Quiz Game
		L.A., S.S.		211. Class Helpers
		Guid., Econ., S.S.		84. Awareness of Parent's Job

Goal #3

Concepts	Objectives			
	1.	L.A., S.S.	(1)	132. Newspapers, Magazines, Books
		L.A., S.S.		135. What's In a Cartoon?
	2.	Guid.,Econ.,L.A.	(2)	121. Levels of Skill
		Guid., H/S,L.A.		120. An Interest List
		Guid., H/S, Econ., L.A. S.S., Math		123. What I Need to Know
	3.	Econ., L.A.,S.S.	(3)	136. Authors
		H/S		137. Class Photographer
		Guid., Econ.,L.A.,S.S., Math		274. Oregon Products Day
	4.	Econ.,S.S.,Math.	(4)	192. Assembly Line Projects
		L.A.,S.S., Math		193. Assembly Line
		Econ., L.A., S.S.		63. The Power of Advertising
		Econ., L.A., S.S., Math		73. Graphing Statistics

GRADE FIVE (con't)

Refer to Sheet 1, Fifth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 3

Concepts	Objectives	Subject Areas		Suggested Activities from Idea Book
	5.	S.S., Math	(5)	#190. Group Cooperation & Responsibility
		Guid., Econ., L.A., S.S., Math		
		H/S, Econ., L.A., S.S., Math		270. Community Survey
				275.. How Will We Survive?
				273. Preparing & Serving a Thanksgiving Dinner
	6.	Guid., L.A.	(6)	230. Job Application Dramatization
		Guid., L.A.		90. Job Application
		Guid., H/S, Econ., L.A., S.S. Math		91. Social Security Card Application

GRADE SIX

GOAL #1

Explore and assess personal attitudes, aptitudes, attributes, and interests

CONCEPTS

1. Individual is influenced in the choice of work by many factors including the need for work, availability of work, experiential background, interests, aptitudes, capabilities, need for security and the rewards available.

2. Satisfaction with one's occupation is facilitated by the selection of an occupation which is consistent with one's personal aptitudes, attitudes, and interests.

OBJECTIVES

Every learner upon the completion of grade six will be able to:

1. Assume responsibility for classroom and school jobs and evaluate performance.

2. Analyze personal interests and aptitudes.

3. Examine occupations with respect to interest and aptitudes.

GRADE SIX

GOAL #2

Examine the concepts of work and work roles and the multiple occupational possibilities.

CONCEPTS

1. People work
2. There are many kinds of work.
3. People may assume manifold work responsibilities.
4. Work has different kinds of rewards--financial, satisfaction of getting the job done, enjoyment of the process, self-fulfillment.
5. An "occupation" or "career" is that work which one selects as a means of earning money.
6. The performance of work results in products and/or services.
7. The type and amount of work available is related to the level of techological knowledge and the demand for the product or services.

OBJECTIVES

Every learner upon the completion of grade six will be able to:

1. Analyze the changing nature of occupations.
2. Explore occupations which are familiar.

GRADE SIX

GOAL #3

Develop attitudes, knowledge and skills needed for effective employment

CONCEPTS

1. Workers are interdependent

2. The performance of work is facilitated by
   --preparation for the work
   --ability to work with others
   --employability "traits"
   --organizational pattern
   --resources available
   --division of labor
   --level of knowledge and skill development

3. The functioning of a society or business is related to and dependent upon the contribution of ALL workers.

4. People may work at several differnt occupations during their employment years.

OBJECTIVES

Every learner will upon the completion of grade six be able to:

1. Examine qualifications needed by workers in various jobs.
2. Recognize that occupations have vocabularies unique to them.
3. Relate the value of personality traits to doing a job.
4. Describe tools and equipment needed in various occupations.
5. Integrate computation skills and design capabilities with production skills.
6. Examine and work with tools.
7. Use and store AV equipment.
8. Become aware that most jobs are not so simple as they seem.

GRADE SIX

Refer to Sheet 1, Sixth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 1

Concepts	Objectives	Subject Area		Suggested Activities from Idea Book
	1.	Guidance	(2-3)	#272. Career Ed. Unit
		Economics	(1-2)	90. Job Application
	2.	Language Arts	(1-2)	4. Becoming Aware of Self
		Social Studies		
	3.			

Goal 2

Concepts	Objectives	Subject Area		Suggested Activities from Idea Book
	1.	Health, Science	(1)	57. Changing Times on America's Farms
		Economics		
		Social Studies		
		Math		59. How Farming is Changing
		Health, Science		60. Occupations Which Built America
		Economics, Social Studies		118. Where Are The Jobs?
	2.	Guidance	(2)	83. What's In a Job?
		Economics		
		Social Studies		84. An Awareness of Parent's Job
		Math		
		Art		196. Occupational Tin Can People
				103. Class Safety Engineer
		Language Arts		104. Personnel Management
		Art		107. Appraisers
				115. How Many Jobs Do I Know?

GRADE SIX (con't)

Refer to Sheet 1, Sixth Grade for GOALS, CONCEPTS, OBJECTIVES

Goal 3

Concepts	Objectives	Subject Areas		Suggested Activities from Idea Book
	1.	Econ., Math Guid., Econ., S.S. S.S., Math	(1)	# 86. Timekeeper 17. Why Some People Are Poor 190. Group Cooperation
	2.	Econ., S.S., Math Guid., Health, Sci., L.A. L.A., S.S.	(2)	53. Careers Dependent on Nature 6 & 7. Evaluating Yourself 123. What I Need to Know 211. Class Helpers 212. Special Names Given to Leaders
	3.	Guid., Health, Sci. Econ., L.A., S.S., Math Guid., Econ., S.S., Math Guid., Health Sci., L.A. Guid., Health Sci., L.A., S.S.	(3)	93. Interview Dealer 83. What's In a Job? 5. Rating Interest Areas 119. Fun and Careers
	4.	Guid., Econ., L.A., S.S. Guid., S.S. Sci., Econ., S.S., Math	(4)	92. Job Study 117. People, People 124. Measuring Tools
	5.	Econ., L.A., S.S. Econ., S.S. Econ., Math, S.S.	(5)	54. Beginning To End of Finished Product 62. Inventions 65. Measurement Application
	6.		(6)	190. Group Cooperation and Responsibility 192. Assembly Line Projects 193. Assembly Line
	7. (Optional)		(7)	Organize and train A.V. Committee
	8.		(8)	81. All Jobs Are Important 52. Checking Accounts 61. History of An Invention 191. Most Producers Are Specialists

SAMPLE UNITS
ON CAREERS

SAMPLE HEALTH UNIT FOR PRIMARY CAREER EDUCATION

OBJECTIVE: To learn about health workers we meet during the year

QUESTIONS ABOUT HEALTH WORKERS	ACTIVITIES	AUDIO-VISUAL AIDS
I. Nurse		
A. What types of nurses do we know? (1) School nurse (2) Hospital nurse (3) Dental nurse (4) Receptionist	Write short stories about duties of each type of nurse	Practicing Good Health set #1, f.s.
	Invite school nurse to talk about her duties	Ready Set Read (A) Cassette films 2-called "Guess their Jobs" f.s.
B. What is different/same about the jobs of each?	Make puppets	Who Helps Us, Kit B, f.s.
C. What tools are used by each in their jobs?	Keep list of health habits for one week	The Doctor, film
D. When does school nurse come and what does she do?		The Hospital, film
II. Doctor		
A. What types of doctors do we know?	Dramatize visit to doctor or dentist office	
B. What tools are used by each?	Dramatize play: World of Work, Dunn-Payne, p. 30	Our Working World film strips and records
C. Can you name your doctor?	Select corner to allow children to set up doctor or dentist's office	
D. Do you go to the Doctor's office or to a clinic?	See Idea Book -	
E. Do you go to the doctor's only when you are ill? Or for checkups too?	Use books from library	
F. Checkups—what do they involve?		

QUESTIONS ABOUT HEALTH WORKERS	ACTIVITIES	AUDIO-VISUAL AIDS
III. Dentist:		
A. What types of dentists can you name?	Invite dental auxillary to visit classroom	Your Teeth, f.
1. Family dentist	Make nurse hats for girls and Doctor's	Workers for Health, f.s.
2. Children's dentist	headband for boys with mirror made from foil	Who Helps Us, f.
3. Orthodontist	Use camera for taking pictures of children's	Herbie's Dream, f.s.
4. Oral Surgeon	happy smiles	Curious George Goes to the Hospital
B. How often should you visit the dentist?	#10. Health Habits for One Week	Learning About Health (set), f.s.
C. How does the nurse aid the dentist?	222. What's My Line?	Learning to Learn (set), f.s.
D. What other workers help the dentist?	125. Trade Tools	Night Community Helpers, f.
—hygienist, receptionist, technician	126.. Tools of the Trade	Let's Talk About Your Teeth, f.s.
E. How do we care for our teeth?	113. Hats of the Trade	
Discuss proper care, proper food,	220. Occupation Riddles	What Will I Be from A to Z (Oregon Dairy Council)
making dentist appointments.	117. People People Everywhere	
IV. Audiometrist	13. Good Grooming	
A. What does the audiometrist do?	11. Health Fun	
B. How can you help the audiometrist?	12. Healthy Success	Your Ears, f.
—by listening, following directions	16. Happiness Is	You and Your Eyes, f.s.
C. What tools are used by the audiometrist?	195. Stuffed Career Characters	You and Your Ears, f.s.
	228. Let's Have Our Own T.V. Program	
V. Culminating question for each occupation	224. Puppet Dramas on Careers	
A. What training do these people need for their particular job?	Summation:	
B. What can we learn that might help us in these jobs?	#116. Similarities and Differences in Occupations	

A SUGGESTED UNIT

GRADES 4-6 - THE HOSPITAL

Example:

GRADE LEVEL SIX

Goal #2:

Examine the concepts of work and work roles and the multiple occupational possibilities

1. People work
2. There are many kinds of work
3. An "occupation" or "career" is that work which one selects as a means of earning money.
4. Study and identify occupations of the hospital.
5. Contrast job opportunities in hospital to the opportunities in the city.
6. Analyze the changing nature of career opportunities

OBJECTIVE

Explore occupations which are familiar

ACTIVITY

Visit to Portland Adventist Hospital (Note: See field trip section for other hospitals)

FOLLOWUP

List the jobs in hospital

Look through magazines for pictures of services of hospital--make a bulletin board of collage of services in hospital

Junior Red Cross - make tray decorations for children's hospital at holiday time

Game to Play: "What's My Line?" Idea Book #222 - This game follows format of popular T.V. version. Assign to each class member a job title from the health-hospital occupations cluster. Each pupil should know enough about his "job" to answer 20 questions.

Dress Codes - Create different images, surgery gowns, caps in hospital, Idea Book #114

FOLLOWUP (con't)

Specialization and use of tools - What's in a Job? Idea Book #92 - Figure our jobs. How does one make a living - skilled - unskilled?

A Play from World of Work, pp. 30, 31 Play: You're A Blockhead, Charlie Bronson

A Game from World of Work, p. 69, Paragraph G.

Spelling Words:

Hospital	physician	central	office	aide
x-ray	doctor	technician	admitting	laboratory
nurse	orderly	clean	patients	surgeon
candy striper	volunteer	laundry		

Books: Multnomah County Library - Doctors and Nurses and What They Do - Curious George Goes To The Hospital

Curriculum Library: Eberle, Irmengarde, Modern Medical Discoveries (Crowell, 1968)

Fisher, Leonard Everett, The Doctors (Watts, 1968)

Hume, Ruth F., Great Men of Medicine (Randon, 1960)

Kay, Eleanor, The First Book of Nurses (Watts, 1968)

Greene, Carla, Childrens Press 1956-1969

Baker	Mechanic	Scientist
Doctor	Nurse	Resturant Owner

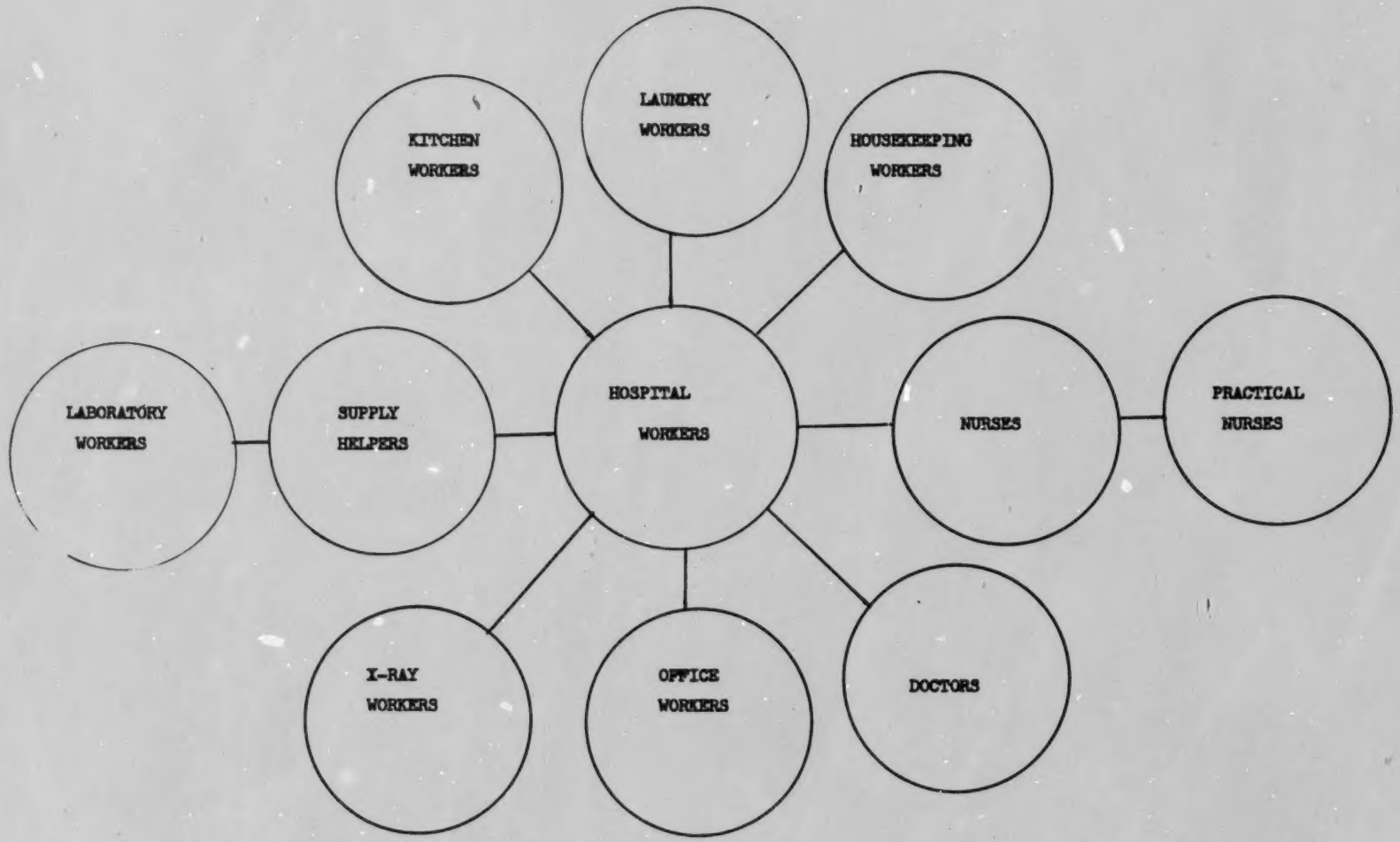
Shay, Arthur What Happens When You Go To The Hospital? Keilly and Lee 1969

Film Strips: Central Medical Supply - 10 filmstrips, 10 records 1969

EVALUATION: L.A. "What Job Would I Like To Have If I Worked In A Hospital?"

See also, Act. #123 Idea Book - "What I Need to Know" (must be adapted)
Act. #115 Idea Book - "How Many Jobs Do I Know" (must be adapted)

THIS UNIT CAN BE ADAPTED TO ANY JOB CLUSTER


KITCHEN WORKERS
LAUNDRY WORKERS
HOUSEKEEPING WORKERS
LABORATORY WORKERS
SUPPLY HELPERS
HOSPITAL WORKERS
NURSES
PRACTICAL NURSES
X-RAY WORKERS
OFFICE WORKERS
DOCTORS

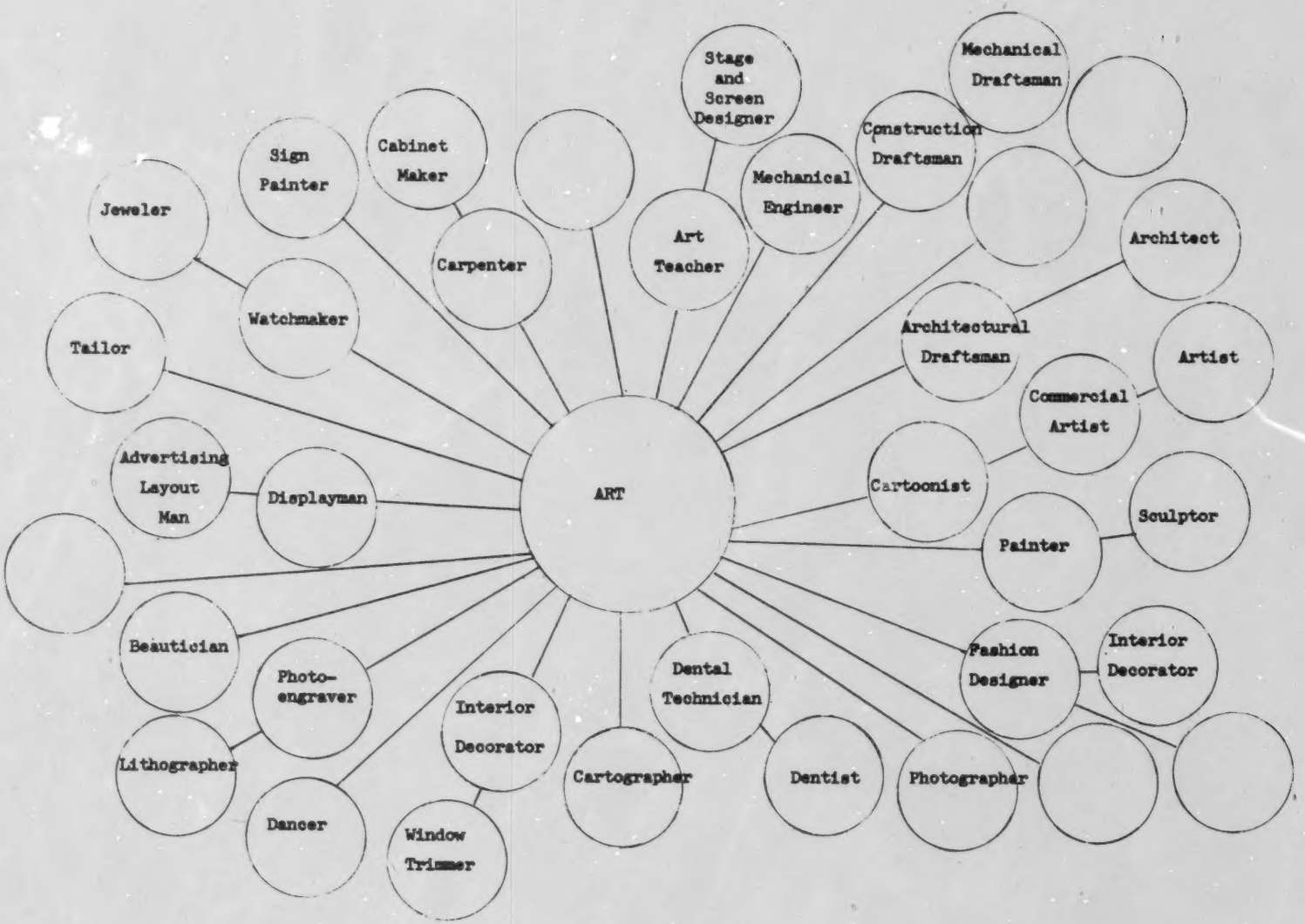
CAREER EDUCATION - CLUSTER CONCEPT

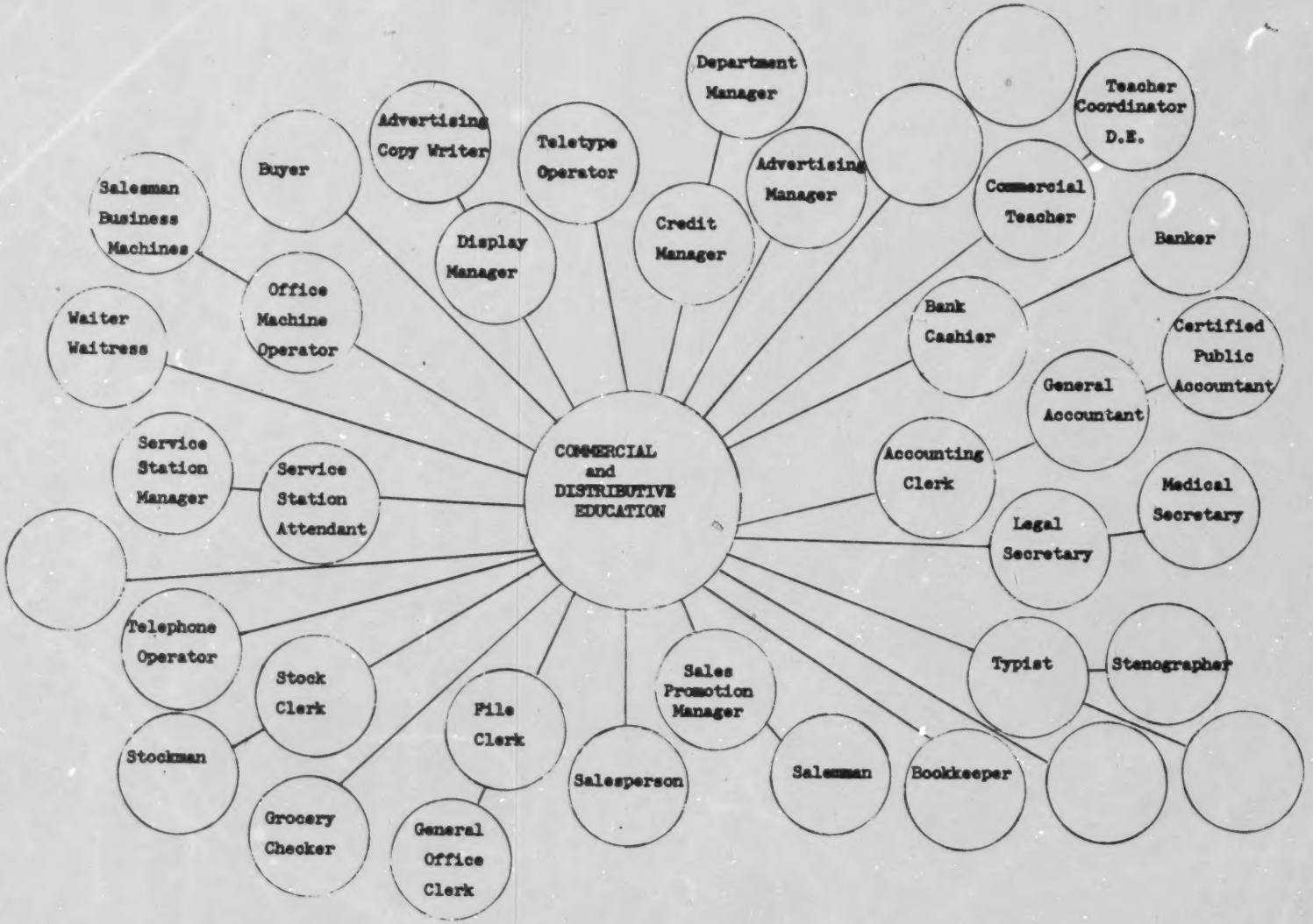
Cluster: A family of occupations related by common skills and knowledge

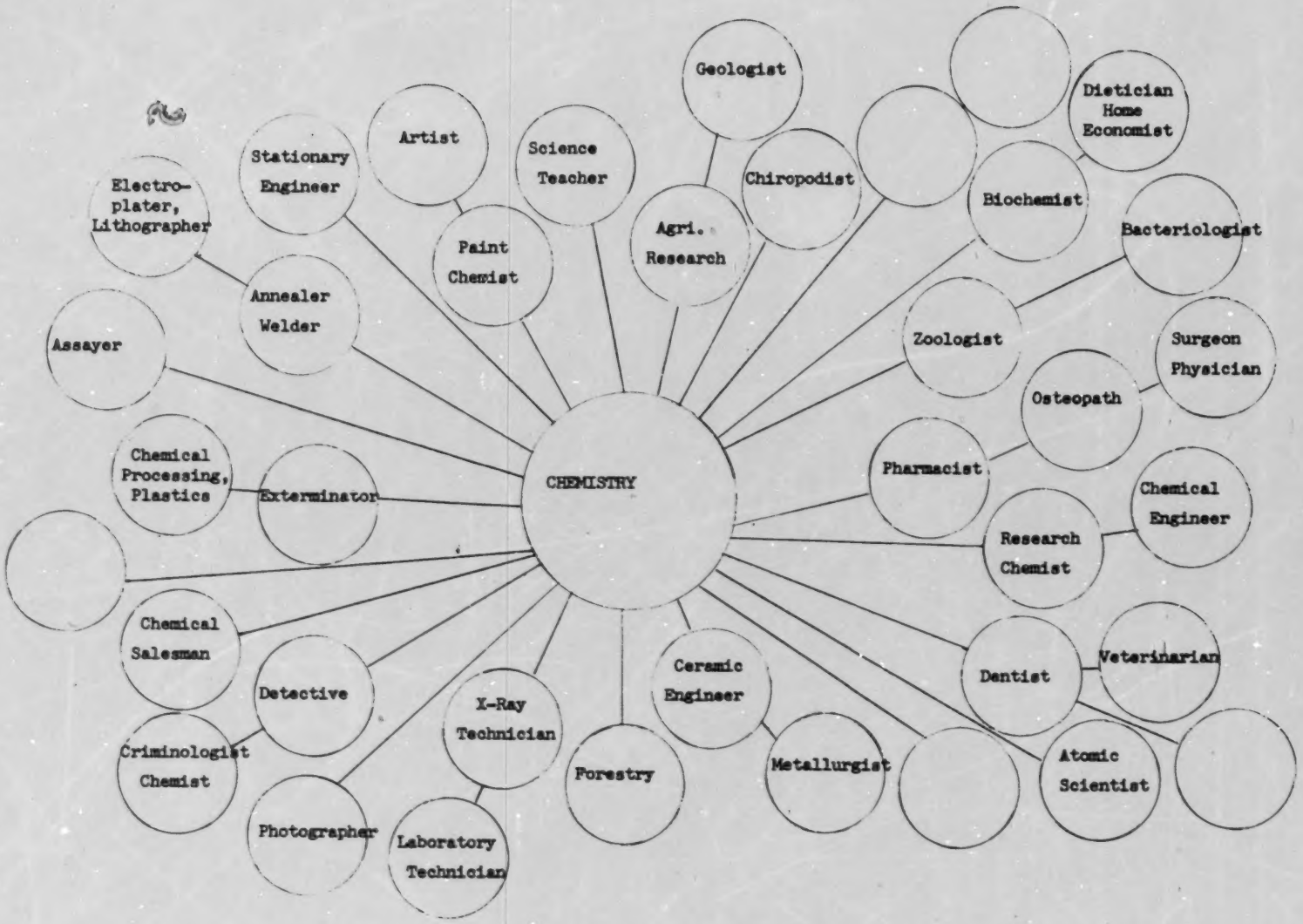
48

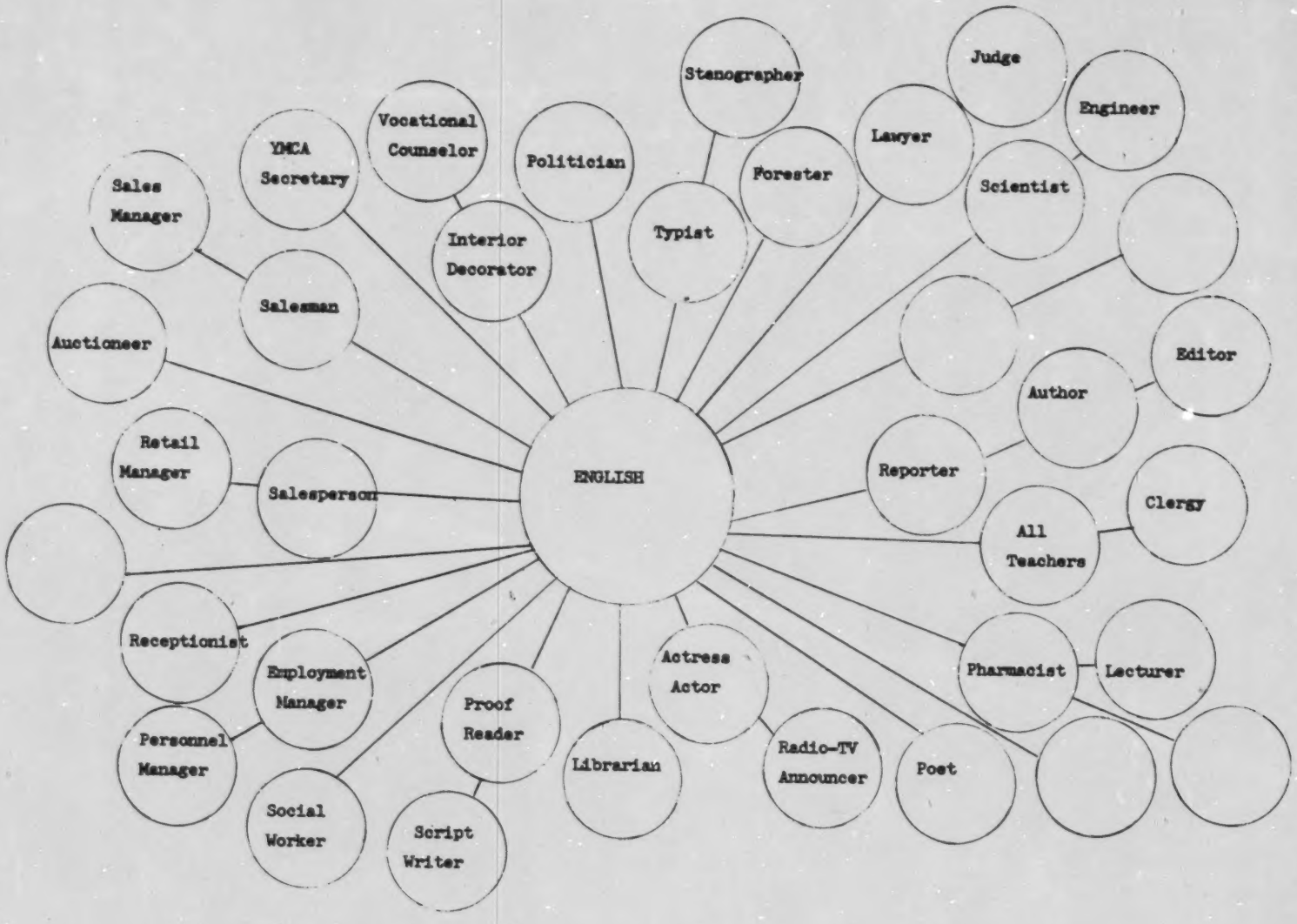
Courtesy of:

Paul Stuart, Industrial Arts Teacher
Presently at Clinton Kelly School


ART
Jeweler
Sign Painter
Cabinet Maker
Carpenter
Watchmaker
Tailor
Advertising Layout Man
Displayman
Beautician
Photo-engraver
Lithographer
Dancer
Window Trimmer
Interior Decorator
Cartographer
Art Teacher
Stage and Screen Designer
Mechanical Engineer
Dental Technician
Dentist
Photographer
Construction Draftsman
Mechanical Draftsman
Architectural Draftsman
Architect
Artist
Commercial Artist
Cartoonist
Painter
Sculptor
Fashion Designer
Interior Decorator


COMMERCIAL and DISTRIBUTIVE EDUCATION
Department Manager
Teacher Coordinator D.E.
Advertising Copy Writer
Teletype Operator
Buyer
Advertising Manager
Salesman Business Machines
Commercial Teacher
Banker
Display Manager
Credit Manager
Office Machine Operator
Waiter Waitress
Bank Cashier
Certified Public Accountant
General Accountant
Service Station Manager
Service Station Attendant
Accounting Clerk
Medical Secretary
Legal Secretary
Telephone Operator
Stock Clerk
Sales Promotion Manager
Typist
Stenographer
Stockman
File Clerk
Salesperson
Salesman
Bookkeeper
Grocery Checker
General Office Clerk


CHEMISTRY
Geologist
Artist
Science Teacher
Stationary Engineer
Electro-plater, Lithographer
Paint Chemist
Agri. Research
Chiropodist
Dietician Home Economist
Biochemist
Bacteriologist
Annealer Welder
Assayer
Zoologist
Surgeon Physician
Osteopath
Pharmacist
Chemical Processing, Plastics
Exterminator
Chemical Engineer
Research Chemist
Chemical Salesman
Detective
Ceramic Engineer
Dentist
Veterinarian
X-Ray Technician
Criminologist Chemist
Forestry
Metallurgist
Atomic Scientist
Photographer
Laboratory Technician


ENGLISH
Stenographer
Judge
Engineer
Vocational Counselor
YMCA Secretary
Politician
Lawyer
Sales Manager
Forester
Scientist
Interior Decorator
Typist
Salesman
Auctioneer
Editor
Author
Retail Manager
Reporter
Salesperson
Clergy
All Teachers
Receptionist
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Actress Actor
Pharmacist
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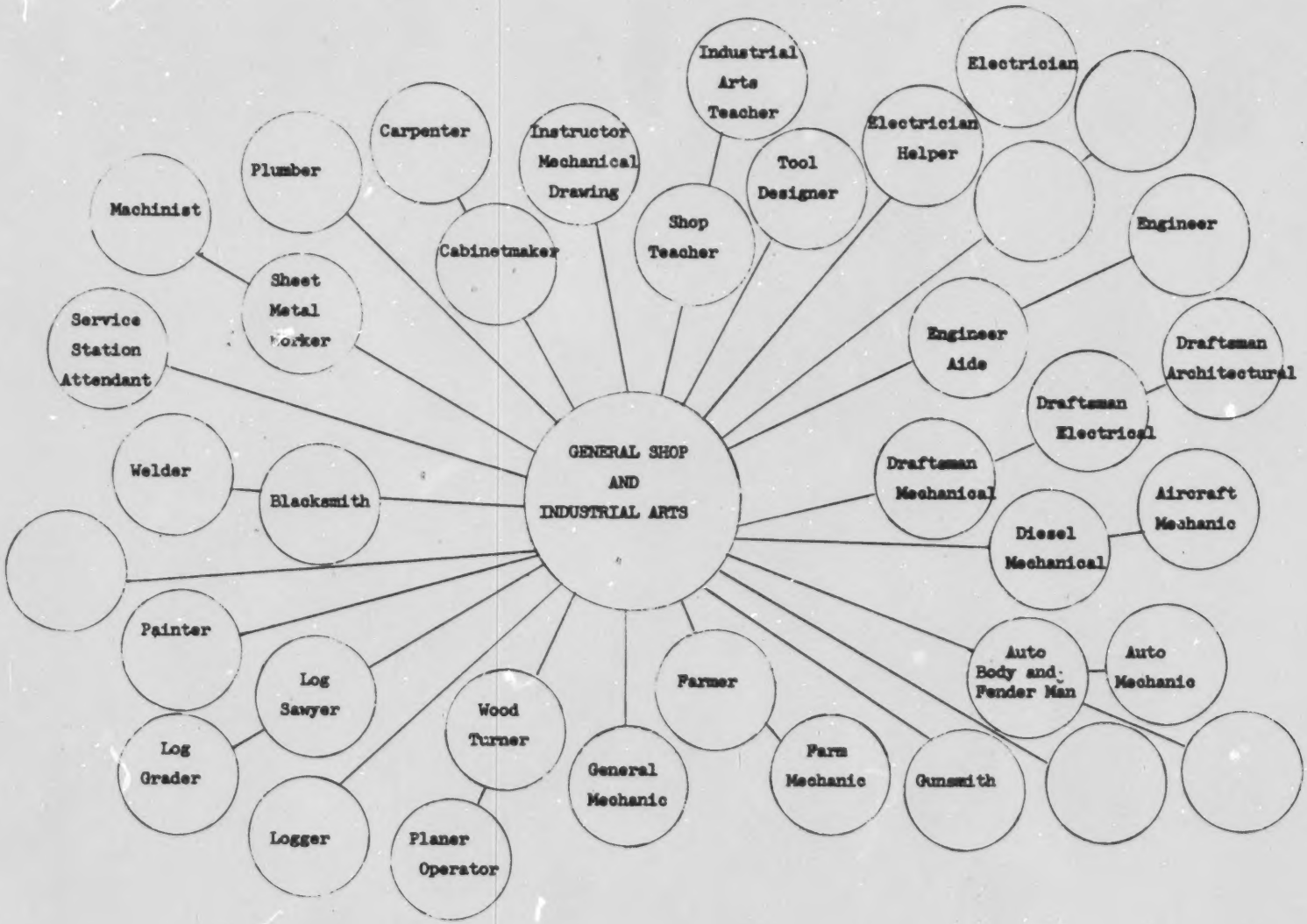
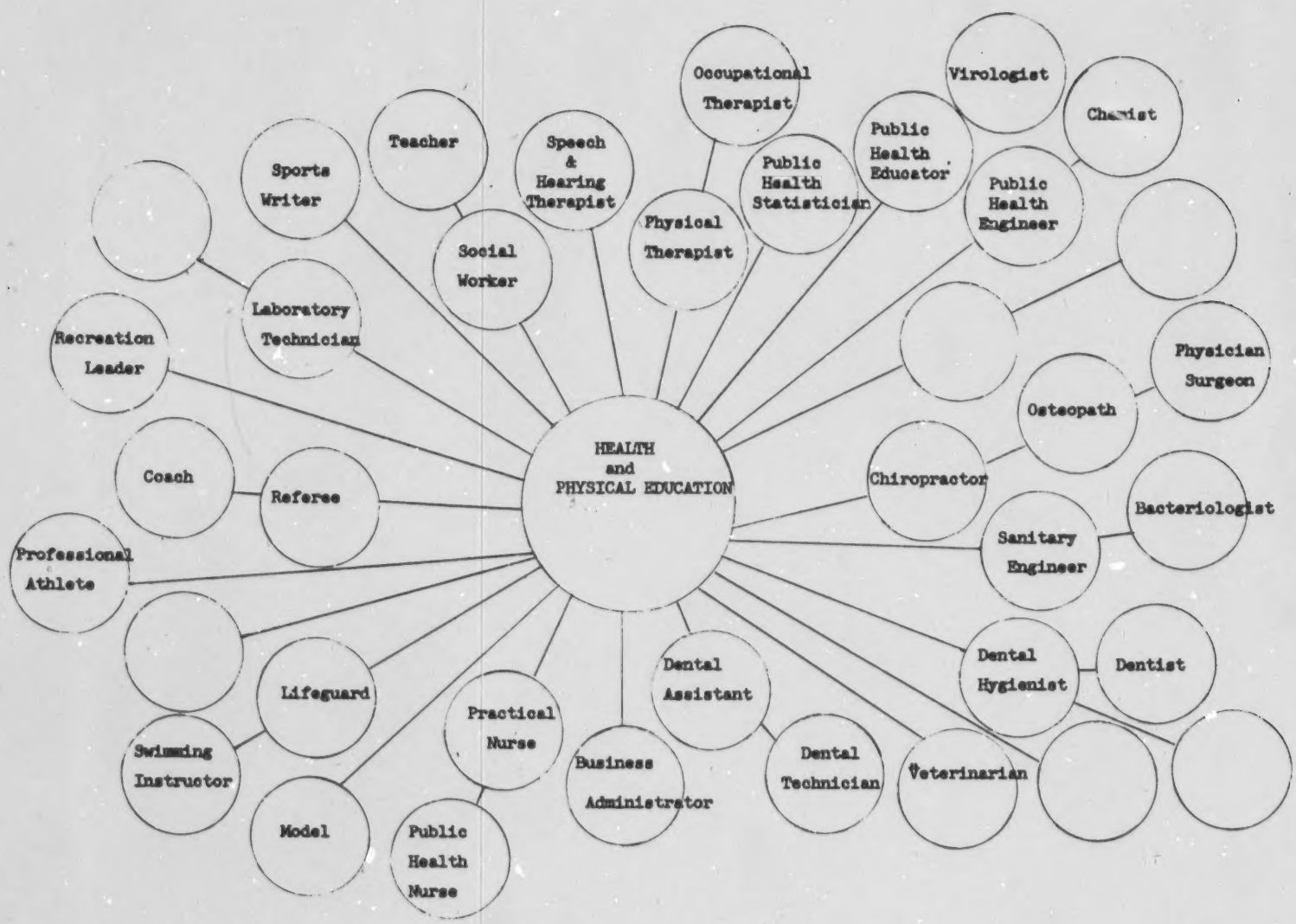

GENERAL SHOP AND INDUSTRIAL ARTS
Machinist
Plumber
Carpenter
Instructor Mechanical Drawing
Industrial Arts Teacher
Electrician
Service Station Attendant
Sheet Metal Worker
Cabinetmaker
Shop Teacher
Tool Designer
Electrician Helper
Engineer
Engineer Aide
Draftsman Architectural
Draftsman Electrical
Welder
Blacksmith
Draftsman Mechanical
Aircraft Mechanic
Diesel Mechanical
Painter
Log Sawyer
Wood Turner
Farmer
Auto Body and Fender Man
Auto Mechanic
Log Grader
General Mechanic
Farm Mechanic
Gunsmith
Logger
Planer Operator


HEALTH
and
PHYSICAL EDUCATION
Teacher
Sports Writer
Speech & Hearing Therapist
Occupational Therapist
Virologist
Chemist
Public Health Educator
Public Health Statistician
Public Health Engineer
Social Worker
Physical Therapist
Laboratory Technician
Recreation Leader
Physician Surgeon
Osteopath
Chiropractor
Coach
Referee
Bacteriologist
Sanitary Engineer
Professional Athlete
Dental Hygienist
Dentist
Lifeguard
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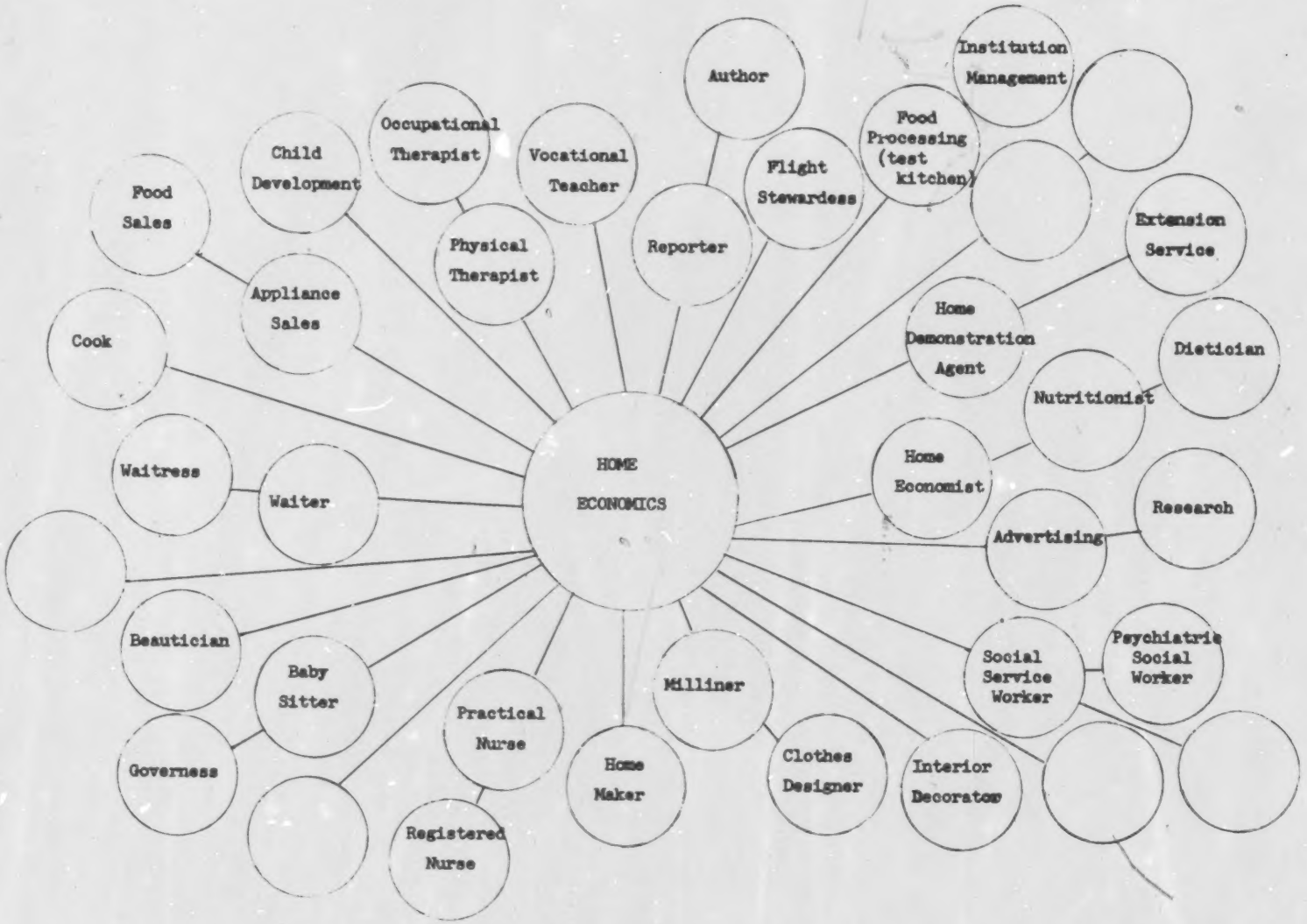
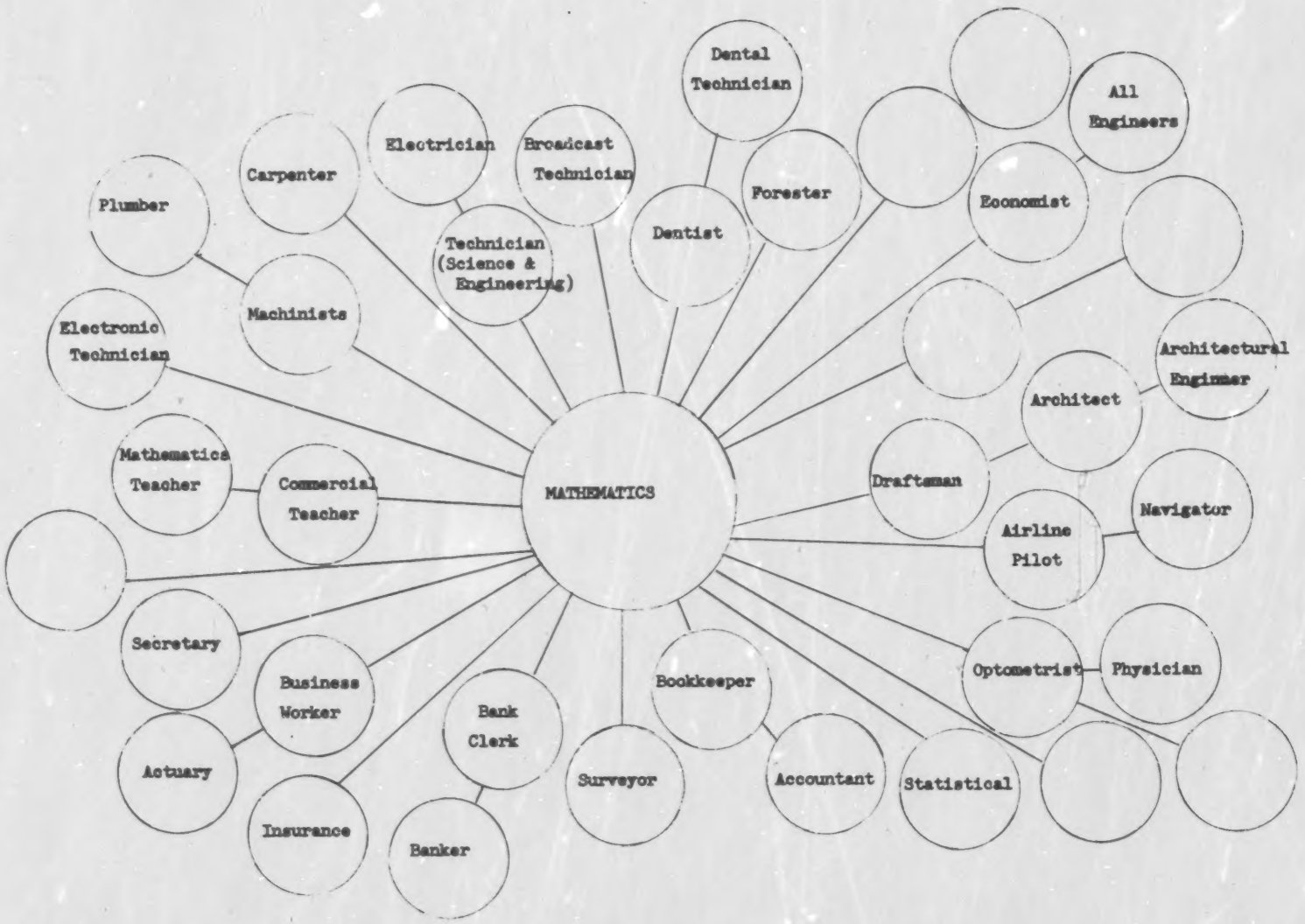
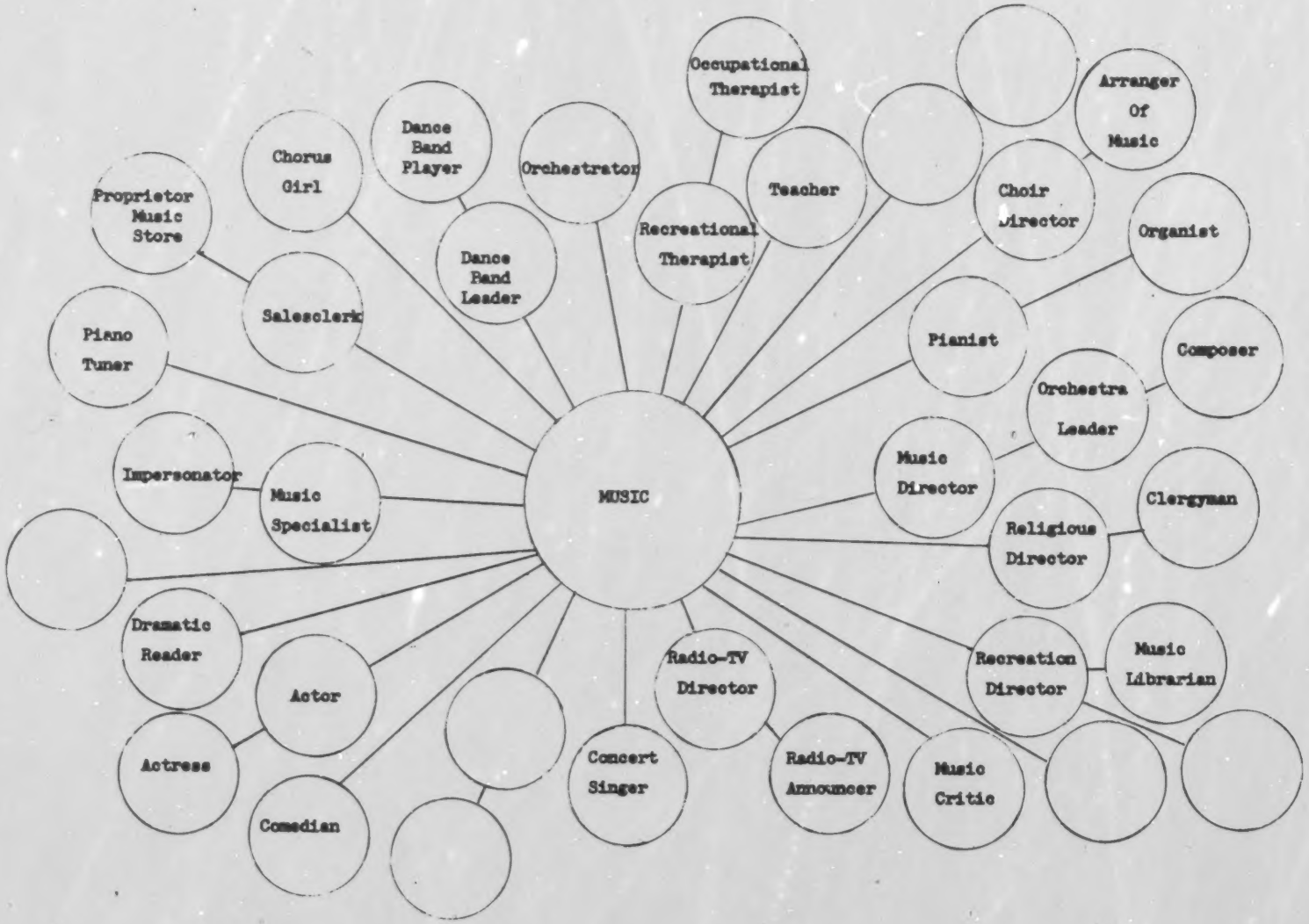
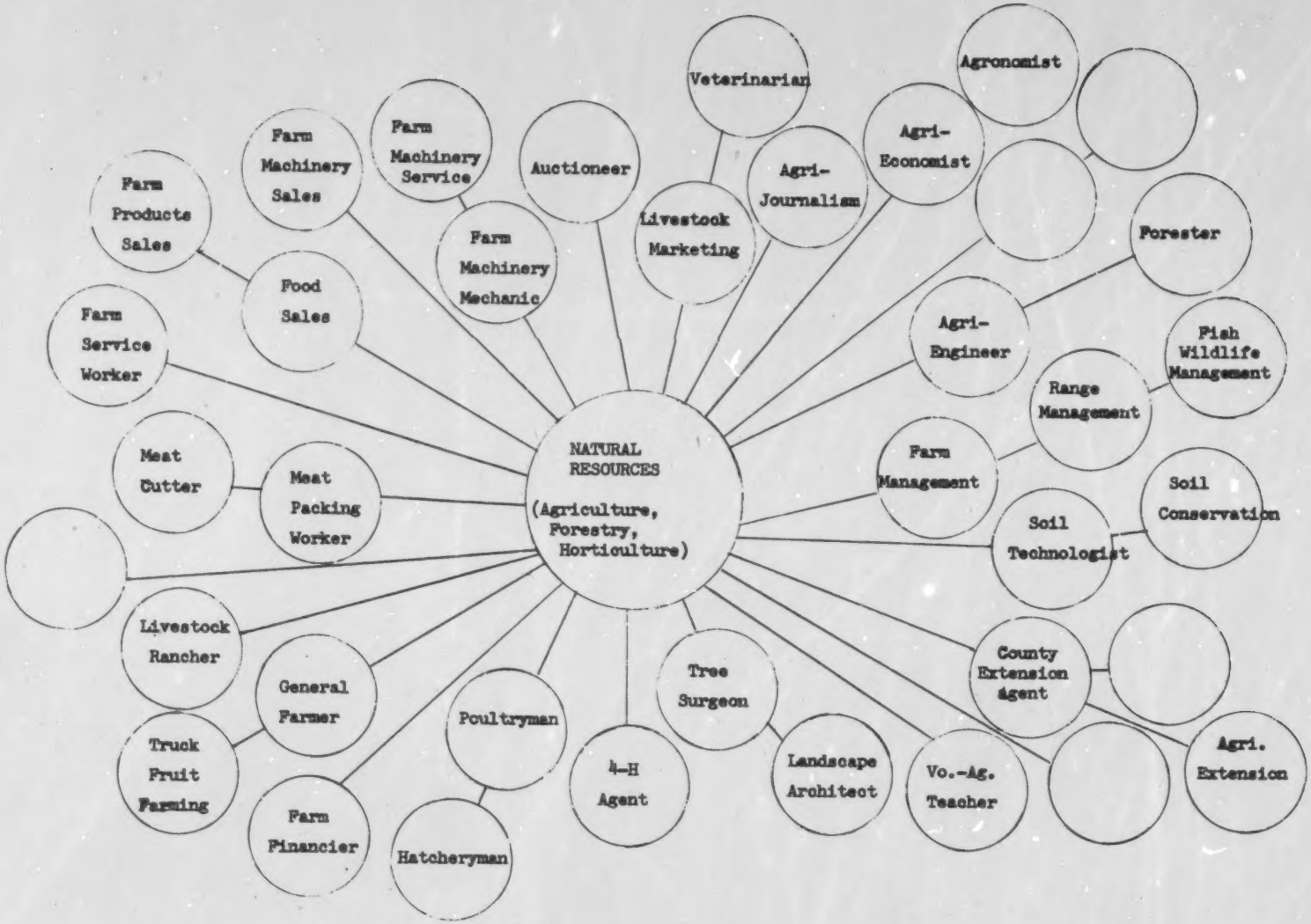
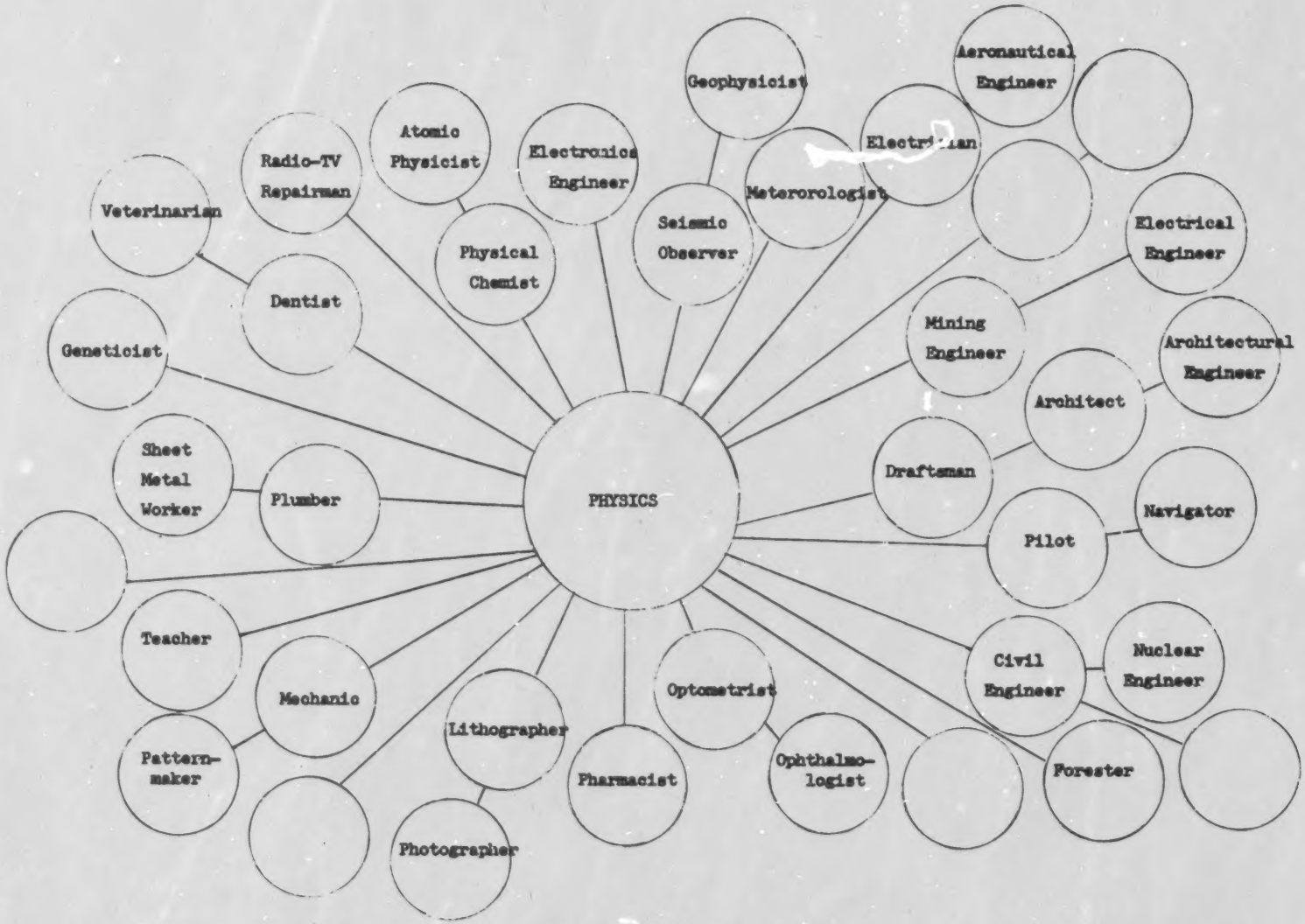
Practical Nurse
Swimming Instructor
Business Administrator
Dental Technician
Veterinarian
Model
Public Health Nurse

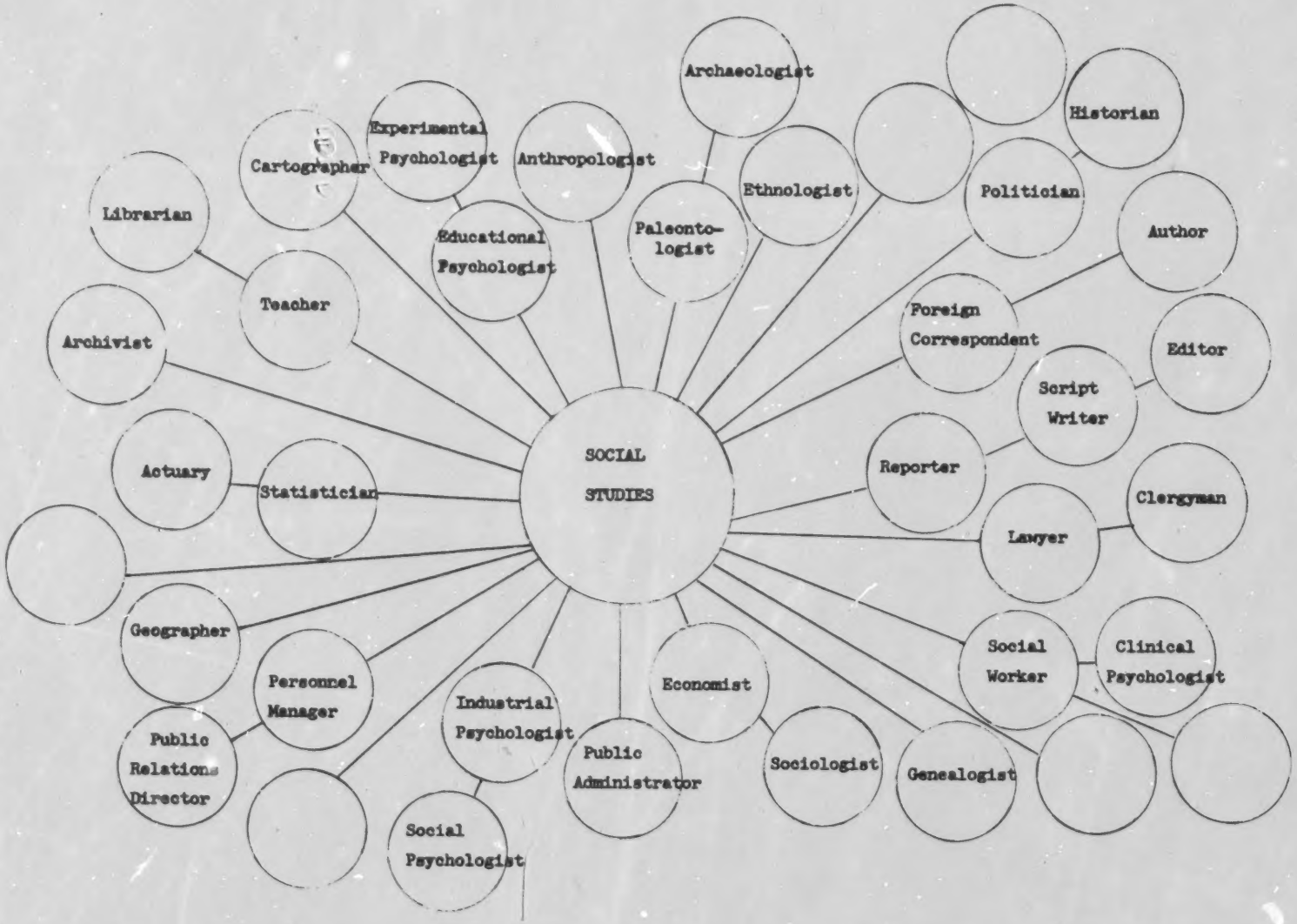

HOME ECONOMICS
Author
Institution Management
Food Processing (test kitchen)
Occupational Therapist
Vocational Teacher
Child Development
Food Sales
Flight Stewardess
Reporter
Physical Therapist
Extension Service
Appliance Sales
Cook
Home Demonstration Agent
Dietician
Nutritionist
Waitress
Waiter
Home Economist
Research
Advertising
Beautician
Baby Sitter
Social Service Worker
Psychiatric Social Worker
Milliner
Practical Nurse
Governess
Home Maker
Clothes Designer
Interior Decorator
Registered Nurse


MATHEMATICS
Dental Technician
All Engineers
Electrician
Broadcast Technician
Carpenter
Forester
Economist
Plumber
Dentist
Technician (Science & Engineering)
Machinists
Electronic Technician
Architectural Enginner
Architect
Mathematics Teacher
Commercial Teacher
Draftsman
Navigator
Airline Pilot
Secretary
Optometrist
Physician
Business Worker
Bookkeeper
Bank Clerk
Actuary
Accountant
Statistical
Surveyor
Insurance
Banker


MUSIC
Occupational Therapist
Arranger Of Music
Chorus Girl
Dance Band Player
Orchestrator
Teacher
Choir Director
Organist
Proprietor Music Store
Dance Band Leader
Recreational Therapist
Salesclerk
Pianist
Composer
Piano Tuner
Orchestra Leader
Impersonator
Music Director
Music Specialist
Clergyman
Religious Director
Dramatic Reader
Actor
Radio-TV Director
Recreation Director
Music Librarian
Actress
Concert Singer
Radio-TV Announcer
Music Critic
Comedian


NATURAL RESOURCES
(Agriculture, Forestry, Horticulture)
Veterinarian
Agronomist
Auctioneer
Farm Machinery Service
Farm Machinery Sales
Farm Products Sales
Agri-Economist
Agri-Journalism
Livestock Marketing
Farm Machinery Mechanic
Food Sales
Forester
Farm Service Worker
Agri-Engineer
Fish Wildlife Management
Range Management
Meat Cutter
Meat Packing Worker
Farm Management
Soil Technologist
Soil Conservation
Livestock Rancher
General Farmer
Truck Fruit Farming
Poultryman
4-H Agent
Tree Surgeon
Landscape Architect
Vo.-Ag. Teacher
County Extension Agent
Agri. Extension
Farm Financier
Hatcheryman


PHYSICS
Geophysicist
Aeronautical Engineer
Atomic Physicist
Electronics Engineer
Radio-TV Repairman
Veterinarian
Physical Chemist
Seismic Observer
Meterorologist
Electrical Engineer
Dentist
Mining Engineer
Geneticist
Architectural Engineer
Architect
Sheet Metal Worker
Plumber
Draftsman
Navigator
Pilot
Teacher
Civil Engineer
Nuclear Engineer
Mechanic
Lithographer
Optometrist
Pattern-maker
Pharmacist
Ophthalmo-logist
Forester
Photographer


SOCIAL STUDIES
Archaeologist
Historian
Experimental Psychologist
Anthropologist
Cartographer
Ethnologist
Politician
Librarian
Educational Psychologist
Paleontologist
Author
Teacher
Foreign Correspondent
Archivist
Editor
Script Writer
Actuary
Statistician
Reporter
Clergyman
Lawyer
Geographer
Social Worker
Clinical Psychologist
Personnel Manager
Industrial Psychologist
Economist
Public Relations Director
Public Administrator
Sociologist
Genealogist
Social Psychologist

SUGGESTED EVALUATION ACTIVITIES

(May be used for evaluation prior to and after the study of a career cluster or unit)

SUGGESTED EVALUATIVE INSTRUMENT FOR K-2

Each teacher may choose an activity which she would like in order to evaluate each child.
Class discussions, Glasser Class Meetings, and drawing pictures are suggested activities.

1. Name two jobs which you perform at home.
2. Name two jobs which you perform at school.
3. What do you need to know about classroom jobs in order to do them well?
4. Name several occupations which a person may choose.
5. What would you like to be when you grow up?
6. What do you like to do?
7. Name several jobs that family members do in a home.
8. Name several jobs that family members do outside the home.
9. What is your job now?
10. Discuss several occupations including what a person needs to know, what does he do, what does he wear, what tools does he need.
11. What good grooming habits do we need to use?
12. What does good food do for us?
13. How can we work with classmates; what should we do to work together better?

SUGGESTED VOCABULARY WORDS

Ability	Community	Helper	Machine	Services
Behavior	Employee	Habit	Money	Skill
Boss	Employer	Hobby	Occupations	Tool
Business	Goods	Income	Products	Work
			Responsibility	Worker
			Salary	

SUGGESTIONS FOR CAREER EDUCATION EVALUATION - GRADES 3-4

The following evaluations may be adapted to each unit

Discuss and list with the class:

1. What are some of the skills you are learning in school that are necessary in the world of work.
2. What is the difference between an occupation and a hobby?
3. What qualities do you think a salesman e.g. should have to sell insurance ?
4. Name five jobs connected to the lumber industry
5. What is the difference between a vocation and an avocation?

The class can play a game concerned with reasons people work. The teacher may begin the game by saying, "People work for money". Each child takes a turn repeating everything that has been said before his turn, in the proper sequence, and adding his own reason to the list. The class must begin the game anew if a student repeats a reason already given.

The teacher asks the class: Why do people work besides for money? How each child responds gives the basis for evaluation.

The teacher instructs the class to:

Community Workers

(1) Draw a picture of a city street with as many workers as possible working at their jobs.

Hospital Workers

(2) Draw a picture of a hospital scene with as many workers as possible working at their jobs.

Airport Workers

(3) Draw a picture of an airport with as many workers working as possible.

SUGGESTED SAMPLE LESSON USING CAREER VOCABULARY

Name_____

Date_____

New words:

work	job	brother	help	skills
tools	help	sister	chores	salary

Fill in blanks

1. My Dad goes to _work_ every day except Saturday and Sunday.
2. He uses many _tools_ in his _job._
3. My _brother_ / _sister_ and I _help_ my mother with _chores_ around home.
4. We learn useful _skills_ at home.

1. The money paid to a worker on a regular job is called
   1. money
   2. salary
   3. bank
   4. goal
2. The money earned by a worker is called
   1. employer
   2. job
   3. reward
   4. income
3. The person whom my father/mother works for is called an
   1. clerk
   2. employer
   3. custodian
   4. employee

SUGGESTED CAREER VOCABULARY

GRADES 3-6

GRADE 3	GRADE 4	GRADE 5	GRADE 6
job	teacher	mining	attitudes
skill	custodian	forestry	abilities
task	principal	fishing	interests
goal	hospital	manufacturing	values
hobby	airport	construction	communities
rules	fireman	transportation	vocational
trade	postman	communication	technology
money	policeman	utilities	education
helper	dairy	cities	experience
tools	milkman	services	employment
needs	public	professional	punctual
career	wholesale	materials	dependable
occupation	retail	supervisor	essential
responsibility	people	designer	asset
cluster	ideas	editor	liability
family	things	librarian	evaluation
mother	traffic	messenger	understanding
father	music	employee	behavior
sister	ability	employer	cooperation
brother	income	machine	leisure
pets	salary	services	abilities
nurse	earning	clerical	scientific
market	problem		physical
bank	talent		mental
school	dependable		courteous
chores			vacation
goods			avocation
habit			
earns			

These words may be used for word recognition, spelling and other language arts activities

EVALUATION ACTIVITY GRADES 5&6

The students may complete a matching exercise which will indicate his understanding of terms dealing with the world of work. The following may be included:

(1)	ability	(a)	Ability to draw and paint pictures
(2)	job family	(b)	To like or to give attention
(3)	interdependency	(c)	To look carefully and think about
(4)	leisure time	(d)	To have talent to do something
(5)	cooperation	(e)	A particular place
(6)	geographical location	(f)	Working at a job in addition to one's regular, full-time employment
(7)	artistic ability	(g)	Jobs that are related
(8)	moonlighting	(h)	Working together
(9)	observing	(i)	Dependent on one another
(10)	interest	(j)	Free or unoccupied time from work

Answer Key: (1) d (2) g (3) i (4) j (5) h (6) e (7) a (8) f (9) c (10) b

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DIRECTIONS: JOBS! JOBS! JOBS!

There are hundreds of different jobs that people do. You are asked to write or print as many kinds of jobs there are, you can think of in 5 minutes. Do not hurry and do not worry about spelling. Try not to repeat jobs. If you need more room use the back of this paper.

(Be certain all students understand the directions and repeat them if necessary)

PORTLAND PUBLIC SCHOOLS - AREA II
QUESTIONNAIRE FOR CAREER EDUCATION

NAME_____ GRADE_____

SCHOOL_____ TEACHER_____

SEX_____ DATE_____

(SAMPLE: 1. Welder, 2. Cherry Picker, 3. Hotel Clerk, etc.)
(Time: Exactly 5 minutes)

1._____	10._____	19._____
2._____	11._____	20._____
3._____	12._____	21._____
4._____	13._____	22._____
5._____	14._____	23._____
6._____	15._____	24._____
7._____	16._____	25._____
8._____	17._____	26._____
9._____	18._____	27._____

NAME_____ GRADE_____ SEX_____

SCHOOL_____ TEACHER_____ DATE_____

DIRECTIONS: For some jobs people need to go to high school, for other jobs they need college. Below are a list of jobs, some of which need a high school education, and some need a college education. Mark an X in column A if the job needs a HIGH SCHOOL EDUCATION. Mark an X in column B if the job needs a COLLEGE EDUCATION. Take as much time as you need.
(TEACHER MAY READ THE WORDS FOR YOU, BUT MAY NOT TELL YOU WHAT THEY MEAN)

	NEEDS ONLY HIGH SCHOOL OR LESS A	NEEDS COLLEGE B		NEEDS ONLY HIGH SCHOOL OR LESS A	NEEDS COLLEGE B
SAMPLE: TRUCK DRIVER	X				
1. DOCTOR.			16. CHOKER-SETTER. . .		
2. LONGSHOREMAN. . .			17. CRANE OPERATOR . .		
3. ELECTROPLATER . .			18. DRUGGIST		
4. SCHOOL TEACHER. .			19. AIRLINE PILOT. . .		
5. VETERINARIAN. . .			20. LIBRARIAN.		
6. FRUIT PACKER. . .			21. AIRLINE STEWARDESS		
7. LETTER-CARRIER. .			22. CASHIER.		
8. SECURITY OFFICER.			23. MACHINIST.		
9. TOOL & DIE MAKER.			24. GLAZIER.		
10. FIREMAN			25. CABINETMAKER . . .		
11. ELECTRICAL ENGR..			26. DENTIST.		
12. F.B.I. AGENT. . .			27. MODEL.		
13. DIETITIAN			28. SECRETARY.		
14. POULTRYMAN. . . .			29. SOCIAL WORKER. . .		
15. LAWYER.			30. FLORIST.		

NAME_____ GRADE_____ SEX_____

SCHOOL_____ TEACHER_____ DATE_____

DIRECTIONS: In the world some people work mainly by using their hands and some people work mainly by using the minds. Below are a list of jobs. Mark an X in column A if you think the person works mainly with his HANDS. Mark an X in column B if you think the person works mainly with his MIND. Take as much time as you need. (TEACHER MAY READ WORDS FOR YOU, BUT MAY NOT TELL YOU WHAT THEY MEAN).

	WORKS MAINLY WITH HANDS A	WORKS MAINLY WITH MIND B
SAMPLE: TRUCK DRIVER	X	
1. LUMBER GRADER		
2. LAWYER		
3. WEATHERMAN		
4. SCHOOL TEACHER		
5. FRUIT SORTER		
6. ARCHITECT		
7. TOOL & DIE MAKER		
8. RADIO ANNOUNCER		
9. DRAFTSMAN		
10. LIBRARIAN		
11. FIREMAN		
12. INSURANCE SALESMAN		
13. BUS DRIVER		
14. SHEETMETAL WORKER		
15. BARBER		
16. BEAUTICIAN		
17. F.B.I. AGENT		
18. MILLWRIGHT		
19. FOOTBALL COACH		
20. WRITER		

QUESTIONNAIRE FOR CAREER EDUCATION

NAME_____ GRADE_____ SEX_____

SCHOOL_____ TEACHER_____ DATE_____

DIRECTIONS: We all know that some people work INDOORS and some people work OUTDOORS. From the list below we would like you to decide if the person working at the job works MAINLY INDOORS OR MAINLY OUTDOORS. Mark an X in column A if you think the person works mainly INDOORS. Mark an X in column B if you think the person works mainly OUTDOORS. Take as much time as you need. (TEACHER MAY READ THE WORDS FOR YOU BUT, MAY NOT TELL YOU WHAT THEY MEAN).

	WORKS MAINLY INDOORS A	WORKS MAINLY OUTDOORS B
SAMPLE: WHEAT FARMER		X
1. RIGGER.		
2. SAWYER.		
3. LINEMAN		
4. GARMENT CUTTER.		
5. ACCOUNTANT.		
6. UPHOLSTERER		
7. SALES CLERK		
8. CRANE OPERATOR.		
9. CASHIER		
10. ROOFER.		
11. AIRLINE STEWARDESS.		
12. ELECTROPLATER		
13. DENTAL HYGIENIST.		
14. BRICKLAYER.		
15. CEMENT MASON.		
16. CONSTRUCTION WORKER		
17. LANDSCAPER.		
18. STEAM FITTER.		
19. FRUIT SORTER.		
20. SURVEYOR.		

QUESTIONNAIRE FOR CAREER EDUCATION

NAME_____ GRADE_____ SEX_____

SCHOOL_____ TEACHER_____ DATE_____

DIRECTIONS: Some people work mainly with other PEOPLE, others work mainly with TOOLS AND MACHINES, and some people work mainly with PENCIL AND PAPER. Below is a list of jobs that people do. Mark an X in column A if you think the person works mainly with PEOPLE. Mark an X in column B if you think the person works mainly with TOOLS AND MACHINES. Mark an X in column C if you think the person works mainly with PAPER AND PENCIL. Take as much time as you need. (TEACHER MAY READ WORDS FOR YOU BUT MAY NOT TELL YOU WHAT THEY MEAN).

	MAINLY PEOPLE A	TOOLS OR MACHINES B	PENCIL OR PAPER C
SAMPLE: TEACHER.	X		
WRITER			X
REPAIR MAN . . .		X	
1. CHOKER-SETTER.			
2. BEAUTICIAN			
3. WEATHERMAN			
4. DRAFTSMAN.			
5. HOSPITAL ORDERLY . . .			
6. LONGSHOREMAN			
7. DIESEL MECHANIC. . . .			
8. LINEMAN.			
9. USHER.			
10. PHYSICAL THERAPIST . .			
11. PAROLE OFFICER			
12. BOOKKEEPER			
13. RECEPTIONIST			
14. JOURNALIST			
15. MATHEMATICIAN			
16. COMPOSER OF MUSIC . .			

	MAINLY PEOPLE A	TOOLS OR MACHINES B	PENCIL & PAPER C
17. CAR SALESMAN.			
18. COUNSELOR			
19. PLASTERER			
20. MILLWRIGHT.			
21. EDITOR.			
22. CEMENT MASON.			
23. GLAZIER			
24. AUDITOR			
25. INTERVIEWER			

QUESTIONNAIRE FOR CAREER EDUCATION

NAME_____ GRADE_____ SEX_____

SCHOOL_____ TEACHER_____ DATE_____

DIRECTIONS: All kinds of people do all kinds of jobs. Some people like their jobs and others don't like their jobs. You are going to have a chance to choose the jobs that you would most like to do when you grow up. Look over the entire list first, then circle the three jobs that you would most like to do. Take as much time as you want. (TEACHER WILL READ THE WORDS FOR YOU BUT MAY NOT TELL YOU WHAT THEY MEAN). Circle only 3 jobs.

LAWYER
LOGGER
BOOKKEEPER

TEACHER
ELECTRICIAN
JOURNALIST

BANK TELLER
AUTO MECHANIC
EDITOR

NURSE
FORESTER
ARTIST

POLICEMAN
FARMER
ELECTRICAL ENGINEER

SALES CLERK
MEAT CUTTER
ARCHITECT

DOCTOR
DIESEL MECHANIC
METER MAID

FOOTBALL COACH
BRICKLAYER
WEATHERMAN

MINISTER
METAL WORKER
BUILDING INSPECTOR

SECRETARY
TRUCK DRIVER
DESIGNER

HOMEMAKER
COMMERCIAL FISHERMAN
CLERK TYPIST

AIRLINE STEWARDESS
CARPENTER
SURVEYOR

RESOURCES AND FIELD TRIPS

Current Listings
for
academic year 1972-73

FIELD TRIPS

Most of these field trips are listed in either

Multnomah County Field Trip Guide
The Community--Our Classroom, Portland Public Schools

AGRICULTURE

Roger's Stables
4th Estate Farms
Pacific International
Livestock Exposition
Santry Viking Park
J. Frank Schmidt Nursery
J.B. Whalley Greenhouse

ARTS, THE

Arts and Crafts Society
Art Museum
Contemporary Craft Gallery
Fountain Gallery of Art
Junior Museum

BUSINESS AND INDUSTRY

Allyn's Cleaners
Boise Cascade
Container Corp. - Fibre Can
Crown Zellerbach - Camas, West Linn
Danner Shoe Mfg. Co.
Firestone Tire and Rubber Co.
Freightliner Corporation
Goodwill Industries
Hilton Hotel
Import Plaza
Kandel Knitting Mills
Lloyd Center
Mall 205
Northwest Natural Gas Co.
Pendleton Woolen Mills
Purdy Brush Co.
White Stag Mfg. Co.
Weyerhaeuser Co. - Longview

COMMUNICATION

Radio - KBPS
KEX
KOIN
Pacific Northwest Bell
Television - Channels 2,6,8,12
Western Electric Co. Inc.
U.S. Postal Service

CONSERVATION

Bonneville Dam
Bull Run Reserve
CATCH - Area II
Fish Commission of Oregon
Forest Park
Forestry Center
Game Commission of Oregon
Hoyt Aboretum
Ox Bow Park
U.S. Forest Service

FOOD PROCESSING

Alpenrose Dairy
Carnation Company
Continental Baking Co.
Franz Bakery
Grandma Cookie Co.
Helen Bernhard Bakery
Mayflower Milk Distributors
Meadowland Dairy
Nabisco
Seven-Up Bottling Co.
White Satin Sugar

HEALTH & SAFETY

Fire Districts
—Multnomah County
—Portland Fire Bureau
Fire Boat #2
Hospitals
Emanuel
Good Samaritian
Portland Adventist
Providence
St. Vincent
Red Cross, American
Rehabilitation Institute of Oregon
Traffic Safety Commission
Tryon Creek Sewage Treatment Plant
Water Pollution Control

HISTORY AND CIVICS

Apple Tree, First
Bridges Across Willamette
Capitol - Legislature
Champoeg State Park & Museum
Grant, U. S. Museum
Lelooska's Potlatch House
McLaughlin House
Multnomah County Courthouse
Oregon Historical Society
Oregon Historical Trip
(Columbia River Gorge)
Oregon Museum of Science & Industry (OMSI)
Statues and Monuments
Vermonia Fossil Area
Pittock Mansion

PUBLIC SERVICE

City of Portland, City Hall, Court
Commission of Public Docks
Department of Interior Computers
Line Dispatcher
Library Association of Portland
Pacific Power & Light
Police Department of Portland
Portland General Electric
Port of Portland
Weather Bureau - United States
United Good Neighbors

TRANSPORTATION

Columbia-Construction Helicopters
Gray Line Boat Tours
Portland International Airport
Train Ride to Vancouver
Skyways (Troutdale Airport)
USS Rasher
Greyhound Central Bus Depot

ZOOLOGICAL

Audubon Society of Oregon
Boyd Pet Shop
Humane Society
Portland Zoological Society

AGRICULTURE

RESOURCE: Roger's Stables
210 S.E. Stark - Gresham
CONTACT: John Eisenhaum
PHONE: 666-2093
GUIDED TOUR: Yes
GRADE LEVEL: 1st and up
LENGTH OF VISIT: afternoon
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: afternoon
NATURE OF ACTIVITY: Boards Horses

RESOURCE: Pacific International Livestock Expo.
2240 N. Marine Drive
CONTACT:
PHONE: 285-8301
GUIDED TOUR: Yes - Future Farmer's act as guides
GRADE LEVEL: 1st gr. & up
LENGTH OF VISIT: 2 to 3 hours
GROUP SIZE: 1 classroom
ADVANCE NOTICE:
TIME: Call for current dates & reservations
NATURE OF ACTIVITY: Livestock & exhibits

RESOURCE: J. Frank Schmidt Nursery
23000 S.E. Stark
CONTACT: Mr. F. Schmidt
PHONE: 665-4128
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: ½ hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9:00 am to 3:30 pm daily
NATURE OF ACTIVITY: The starting of shade trees - *In conjunction with J.B. Whalley Greenhouse and lunch at Ox-Bow Park.

RESOURCE: 4th Estate Farms
Rt. 1 - Box 313 - Troutdale
CONTACT: Dr. Stanley Anderson
PHONE: 665-8871
GUIDED TOUR: Yes
GRADE LEVEL: prefer primary
LENGTH OF VISIT: ½ to 1 hour
GROUP SIZE: 2 classes
ADVANCE NOTICE: 1 week
TIME: Anytime - fall & spring best
NATURE OF ACTIVITY: Short horn cattle farm - Breed cattle for show & meat industry

RESOURCE: Santry Viking Park
Stark St. at Sandy River
CONTACT: D.D. Santry
PHONE: 665-5256
GUIDED TOUR: Yes
GRADE LEVEL: 1st gr. & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 2 classes
ADVANCE NOTICE: 1 week
TIME: 10:00 a.m.
NATURE OF ACTIVITY: Breaking and training of Arabian Colts - *Combine tour with the 4th Estate

RESOURCE: J.B. Whalley Nursery, Inc.
22000 N.E. Halsey - Troutdale
CONTACT: Mrs. Whalley
PHONE: 665-3741
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9:00 - 4:00 Tu., Wed., Thur.
NATURE OF ACTIVITY: Propagating Work *In conjunction with J.Frank Schmidt Nursery and Ox-Bow Park

RESOURCE: Arts and Crafts Society
616 N.W. 18th
CONTACT: Mrs. Grovers
PHONE: 228-4741
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9-4 daily
NATURE OF ACTIVITY: "Touch & Feel" sculpture show

RESOURCE: Contemporary Craft Gallery
3934 S.W. Corbett
CONTACT: Mrs. Arnold
PHONE: 645-1986
GUIDED TOUR: Yes
GRADE LEVEL: 4th & up
LENGTH OF VISIT: ½ hour
GROUP SIZE: 1 class (1 adult to 10 students)
ADVANCE NOTICE: 1 week
TIME: 11:00 am to 5:00 pm
NATURE OF ACTIVITY: Pacific Northwest Artists
*In conjunction with Portland Art Museum

RESOURCE: Junior Museum
3037 S.W. 2nd
CONTACT: Bob Bridgeford
PHONE: 227-1505
GUIDED TOUR: Yes
GRADE LEVEL: Kgn. - 6th gr.
LENGTH OF VISIT: 90 mins.
GROUP SIZE: 1 class
ADVANCE NOTICE 1week
TIME: 10: am - 3: pm Mon-Fri
NATURE OF ACTIVITY: Small live animal zoo
"Touch & Feel" - Time tunnel for children

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RESOURCE: Art Museum
S.W. Park at Madison
CONTACT: Mr. Illo - Miss Brown
PHONE: 226-2811
GUIDED TOUR: Yes
GRADE LEVEL: 1 Gr. and up
LENGTH OF VISIT: 45-60 mins.
GROUP SIZE: small - up to 100
ADVANCE NOTICE: 2 weeks
TIME: 9:30-12:00 - Tues. thru Fri.
NATURE OF ACTIVITY: Exhibits
*Introductory speaker will come to school
In conjunction with the Contemporary Craft Gallery

RESOURCE: Fountain Gallery of Art
115 S.W. 4th Ave.
CONTACT: Mrs. Schnitzer
PHONE: 228-8476
GUIDED TOUR: Either
GRADE LEVEL: All
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: 11:00 am - 3:00 pm Tues.
NATURE OF ACTIVITY: Commercial sales gallery
"Large range of art media"

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

BUSINESS AND INDUSTRY

RESOURCE: Allyn's Cleaners - Troy Laundry
1025 S.E. Pine
CONTACT: Mr. Glen V. Likens
PHONE: 232-0123
GUIDED TOUR: Yes
GRADE LEVEL: 7th gr. & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: Class (tour groups 8 to 10)
ADVANCE NOTICE: 1 week
TIME: 10:15 am and 1:00 pm
NATURE OF ACTIVITY: Tour of large laundry and dry cleaning establishment

RESOURCE: Container Corp. of America - Fibre Can Division
CONTACT: 12005 N. Burgard
Les Caron
PHONE: 286-3611
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 30-45 mins.
GROUP SIZE: 60
ADVANCE NOTICE: 1 day
TIME: February to July best time
NATURE OF ACTIVITY: Tour of plant; manufacture of aluminum and steel containers; fiber can for frozen food, oil and other products

RESOURCE: Crown Zellerbach
West Linn, Oregon 97068
CONTACT: Plant Tour
PHONE: 656-2951 Ext. 212
GUIDED TOUR: Yes
GRADE LEVEL: 6th and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 30
ADVANCE NOTICE: 1 week
TIME: 10:00 am and 2:00 pm Tues thru Fri
NATURE OF ACTIVITY: The tour shows log handling and wood reduction.

RESOURCE: Boise Cascade
907 West 7th (Vancouver Exit)
CONTACT: Bonnie Owen - 693-2567 Ext. 369
R. Weber - 693-2567 Ext. 268
PHONE:
GUIDED TOUR: Yes
GRADE LEVEL: 12 yrs. old (1 adult per 10)
LENGTH OF VISIT: 1½ hours
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: Tues, Thurs., or Fri. 9:30, 10:00 am or 1:30 pm
NATURE OF ACTIVITY:
Conference Room Film
Paper making from beginning to end; pulp-paper-machine sheets - roll wrapper-cutter-shipping-Converting to color and design
*Lunch at Esther Short Park

RESOURCE: Crown Zellerbach
Camas, Washington 98607
CONTACT: Mrs. Ginny Nelson
PHONE: 227-6481 Ext. 275
GUIDED TOUR: Yes
GRADE LEVEL: 6th and up
LENGTH OF VISIT: 2 hours
GROUP SIZE: 100 (divided to 8 per guide)
ADVANCE NOTICE: 2 weeks
TIME: Tours 10 am and 1 pm - Mon thru Fri (avoid Wednesday)
NATURE OF ACTIVITY:
Log handling through removing bark, pulp, to paper
Comments: Wear walking shoes and durable clothing. Pupil should stay on bus while teacher registers at main office. Guides will join group and use bus on tour.

RESOURCE: Danner Shoe Manufacturing Co.
110 S.E. 82nd
CONTACT: Mr. Wm. Danner
PHONE: 252-3409
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: ½ hour
GROUP SIZE: 20 (2 adults)
ADVANCE NOTICE: 1 week
TIME: By appointment
NATURE OF ACTIVITY: The complete manufacturing process of shoe and boot industry

BUSINESS AND INDUSTRY

RESOURCE: Firestone Tire and Rubber Co.
18120 N.E. Wilkes Road
CONTACT: Mr. George Zanotelli
PHONE: 665-9188
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 45 minutes
GROUP SIZE: 20 (larger groups can be divided)
ADVANCE NOTICE: 1 week
TIME: 9:00 am to 3:00 pm Mon thru Fri (morning best)
NATURE OF ACTIVITY: This is a tire retread plant. Pupils will see worn and damaged tires through finished tires

RESOURCE: Goodhill Industries
1831 S.E. 6th
CONTACT: Mr. James Gray
PHONE: 234-0321 Ext. 28
GUIDED TOUR: Yes
GRADE LEVEL: 2nd & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 65-70-75
ADVANCE NOTICE: 2 weeks
TIME: 9:00 am to 3:00 pm daily
NATURE OF ACTIVITY: Students will get an opportunity to see how handicapped people help themselves.

RESOURCE: Import Plaza
1 N.W. Couch
CONTACT: Mr. Richard Lenhart
PHONE: 227-9405
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT: 1 hour (longer if desired)
GROUP SIZE: Any
ADVANCE NOTICE: Reasonable amount
TIME: 10:00 am on
NATURE OF ACTIVITY: Mr. Lenhart will give 5 minute talk, then group may tour and see variety of displays of foreign goods.

RESOURCE: Freightliner Corporation
6936 N. Fathom
CONTACT: Richard Bauer
PHONE: 285-5251 Ext. 547
GUIDED TOUR: Yes
GRADE LEVEL: 5th and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 25
ADVANCE NOTICE: 1 week
TIME: Weds. & Fri. 1:30 pm
NATURE OF ACTIVITY: Complete construction of regular and specialized trucks

RESOURCE: Hilton Hotel
921 S.W. 6th
CONTACT: Mrs. Rosemary Wind
PHONE: 226-1611 Ext. 176
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 30 (one adult for 10 children)
ADVANCE NOTICE: 1week
TIME: 8:30 am on - daily
NATURE OF ACTIVITY: Students view variety of jobs in a large hotel

RESOURCE: Kandel Knitting Mills
4834 N. Interstate
CONTACT: Miss T. Goldman
PHONE: 288-6975
GUIDED TOUR: Yes
GRADE LEVEL: 4th & up
LENGTH OF VISIT: 1/2 hour
GROUP SIZE: 1 classwith 4 adults
ADVANCE NOTICE: 1 week
TIME:10 am or 10:30 am - 1:00 pm or 1:30 pm
NATURE OF ACTIVITY: Tour of plant showing knitting, knit yardage, chenilling, power machines.

BUSINESS AND INDUSTRY

RESOURCE: Lloyd Center

CONTACT: Promotion Director or Public Relations Dept.
PHONE: 282-2511

GUIDED TOURS: Yes

GRADE LEVEL: 3rd & up

LENGTH OF VISIT: 30 min. - 1 hour

GROUPSIZE: 1 class

ADVANCE NOTICE: 1 week

TIME: 10:00 am to 4:00 pm

NATURE OF ACTIVITY: Informative tour of shopping center (younger children might enjoy special occasions like Halloween Easter, Christmas) Teacher can specify particular interest area and age of class to better enjoy trip.

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RESOURCE: MALL 205

CONTACT: Sheri - Personnel Dept.

PHONE: 255-5805

GUIDED TOURS: Through various stores

GRADE LEVEL: K-6

LENGTH OF VISIT: Discuss when making tour arrangements.
GROUP SIZE: 1 class

ADVANCE NOTICE: 1 week

TIME: to be arranged

NATURE OF ACTIVITY: Tour through stores An inside look at what workers do.

RESOURCE: Northwest Natural Gas Co.
735 S.W. MOrrison
CONTACT: Miss Kathleen Skinner

PHONE: 226-4211

GUIDED TOURS: Yes

GRADE LEVEL: 7th & up

LENGTH OF VISIT: 30 mins. to 1 hour

GROUP SIZE: 1 class

ADVANCE NOTICE: 1 week

TIME: Morning and early afternoon

NATURE OF ACTIVITY: A tour through office and if desired, the Liquified Gas Plant in St. Johns.

RESOURCE: Pendleton Woolen Mills
218 S.W. Jefferson
CONTACT: Mrs. Emma Rogness

PHONE: 226-4801 Ext. 278

GUIDED TOURS: Yes

GRADE LEVEL: 12 yrs. old & up

LENGTH OF VISIT: 45 mins.

GROUP SIZE: 1 class (1 adult with 10 children)

ADVANCE NOTICE: 3 weeks

TIME: Arrange by letter and confirm

NATURE OF ACTIVITY: Wool scouring, carding, spinning and weaving, operations in shirt manufacture.

RESOURCE: Purdy Brush Company
6525 N. Lombard
CONTACT: Mr. David Howard

PHONE: 285-4657

GUIDED TOURS: Yes

GRADE LEVEL: 6th & up

LENGTH OF VISIT: ½ to 1 hour

GROUP SIZE: 1 class

ADVANCE NOTICE: 1 week

TIME: 10 am to 11 am or 2 pm to 3 pm Tues. & Thurs.

NATURE OF ACTIVITY: Process of nylon and natural paint brushes.

RESOURCE: White Stag Manufacturing Co.
5100 S.E. Harney
CONTACT: Mr. Del White

PHONE: 777-1711 Ext. 281

GUIDED TOURS: Yes

GRADE LEVEL: 3rd & up

LENGTH OF VISIT: 30 mins.

GROUP SIZE: 2 classes

ADVANCE NOTICE: 1 week

TIME: 10:30 am and 2:45 pm daily

NATURE OF ACTIVITY: Tour of pattern room, cutting room, sewing, pressing to finished product.

BUSINESS AND INDUSTRY

RESOURCE: Weyerhaeuser Co.
Longview, Wn.
CONTACT: Mr. Mason
PHONE:
GUIDED TOUR: Yes
GRADE LEVEL: 5 & up
LENGTH OF VISIT: To be arranged (all day)
GROUP SIZE: Class size
ADVANCE NOTICE: Yes
TIME: To be arranged
NATURE OF ACTIVITY: Tour includes debarking logs, cutting lumber, gluing plant, sorting lumber. Speaker and slides.

COMMUNICATION

RESOURCE: KATU - 2
CONTACT: Mrs. McHenry
PHONE: 233-2422
GUIDED TOUR: Yes
GRADE LEVEL: 3rd & up
LENGTH OF VISIT: 45 mins. to 1 hour
GROUP SIZE: 20
ADVANCE NOTICE: 3-4 weeks
TIME: 10:00-12:00 & 2:00-4:00
NATURE OF ACTIVITY: General Tour

RESOURCE: KEX (Radio)
2130 S.W. 5th
CONTACT: Mr. MacDonald
PHONE: 222-1881
GUIDED TOUR: Yes
GRADE LEVEL: High Sch. but will take younger
LENGTH OF VISIT: 30 min.
GROUP SIZE: 1 class or those interested
ADVANCE NOTICE: 1 week
TIME: arrange "special" tours
NATURE OF ACTIVITY: Limited facilities

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: KBPS (Radio)
546 N.E. 12 Ave.
CONTACT: Dr. Swenson
PHONE: 234-5469
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME:
NATURE OF ACTIVITY: Complete operation

RESOURCE: KGW & TV - 8
1501 S.W. Jefferson
CONTACT: Promotion Dept.
PHONE: 224-8620 Ext. 367
GUIDED TOUR: Yes
GRADE LEVEL: 3 & up
LENGTH OF VISIT: 45 minutes
GROUP SIZE: 1 class (not more than 25)
ADVANCE NOTICE: 2 weeks
TIME: By appt. only
NATURE OF ACTIVITY: KGW-TV - KGW-AM
KINK - FM

COMMUNICATION

RESOURCE: KOIN TV - 6 & Radio
CONTACT: Dick Enders
PHONE: 228-3333
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 1½ hour
GROUP SIZE: Small groups 12-15 preferred
ADVANCE NOTICE: 2 weeks
TIME: 9:00 - 11:00 am
NATURE OF ACTIVITY: Tour through radio & TV studios - view telecast of ½ hour program "Hi-Neighbor"

RESOURCE: Pacific Northwest Bell Co.
509 S.W. Oak
CONTACT:
PHONE: 233-3396
GUIDED TOUR: Plant Workman Visit
GRADE LEVEL: 3 & 4
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 or 2 classes
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY: History of telephones, with models, climbs pole, weather permitting, Shows how phone works.

RESOURCE: Western Electric Co., Inc.
1235 N.E. 47th Ave.
CONTACT: O.L. Pearson
PHONE: 281-0053 Ext. 270
GUIDED TOUR: Yes
GRADE LEVEL: 7th & 8th (or those interested)
LENGTH OF VISIT: 2 hours
GROUP SIZE: up to 2 classes
ADVANCE NOTICE: 2-3 weeks
TIME: 9:00 - 11:00 am
NATURE OF ACTIVITY: Rebuilds old and damaged phone equipment.
Ed. Materials: Films, Slides, Booklets
Discussion with refreshments.

RESOURCE: KPTV - 12
CONTACT: Promotion Manager
PHONE: 222-9921
GUIDED TOUR: Yes
GRADE LEVEL: 5 & up
LENGTH OF VISIT: 30 mins.
GROUP SIZE: 25 max.
ADVANCE NOTICE: 1 week
TIME: on request
NATURE OF ACTIVITY: Facilities very limited for tours

RESOURCE: U.S. Postal Service
715 N.W. Hoyt
CONTACT: Mrs. Marie Edmon
PHONE: 226-3361 Ext. 1955
GUIDED TOUR: Yes
GRADE LEVEL: 4th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: to 50
ADVANCE NOTICE: 1 week
TIME: to be arranged
NATURE OF ACTIVITY: Post office facilities, letter handling, automation, zip code function

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
ACTIVITY:

RESOURCE: Bonneville Dam, Corps of Engrs.
CONTACT: Bonneville, Oregon 97008
Project Engineers Office
PHONE: 374-8442 Ext. 247
GUIDED TOUR: Yes (in most cases)
GRADE LEVEL: All
LENGTH OF VISIT: 1½ to 3½ hours
GROUP SIZE: Up to 50 or 60
ADVANCE NOTICE: 1 month
NATURE OF ACTIVITY: Powerhouse and spillway dam, navigation lock and fishways, hydraulic laboratory; upper grades may observe scale model dam operation. *Oregon State Fish Hatchery may be made in conjunction. Picnic facilities available on grounds.

RESOURCE: CATCH Program
CONTACT: Tim Ash
PHONE: Marysville School
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: Varies
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
NATURE OF ACTIVITY: Visit camp on Larch Mtn., working tour, outdoor experience

RESOURCE: Forest Park
CONTACT: City Hall Annex, Park Bureau
PHONE: 228-6141 Ext. 244
GUIDED TOUR: No
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 2-4 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
NATURE OF ACTIVITY: 9am - Mon.-Fri. Identification of trees, interrelationship and concepts about forest life

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RESOURCE: Bull Run Reserve
CONTACT: Virgil Stiger
PHONE: 228-6141 Ext. 242
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 4½-5 hours
GROUP SIZE: 1-2 classes
ADVANCE NOTICE: 1 week
TIME: 9:00 am - Mon. thru Fri.
NATURE OF ACTIVITY: Trip to Bull Run, picnic lunch in water shed, tour purifying plant.
*Speaker and film available

RESOURCE: Fish Commission of Oregon
CONTACT: Mr. Dugan
PHONE: 226-2161 Ext. 441
GUIDED TOUR: Yes - by appointment
GRADE LEVEL: 4th & up
LENGTH OF VISIT: 45 mins. to 3 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: by appointment
NATURE OF ACTIVITY: Literature, slides and movies, speaker, trip to Bonneville Hatcheries
*Trip may be in conjunction with Bonneville Dam
*Day trip possible with trip to coast

RESOURCE: Forestry Building
CONTACT:
PHONE: 228-1367
GUIDED TOUR: On request
GRADE LEVEL: All (25¢ for 8 yrs. old teachers free)
LENGTH OF VISIT: Varied
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: to be arranged
NATURE OF ACTIVITY: Tour of building and forester available on request as speaker

RESOURCE: Game Commission of Oregon
Sauvie Island
CONTACT: Mr. Norm Minnick
PHONE: 621-3173
GUIDED TOURS: Yes
GRADE LEVEL: All
LENGTH OF VISIT: ½ day
GROUP SIZE: up to 75
ADVANCE NOTICE: 2 weeks
TIME: To be arranged before mid-October
NATURE OF ACTIVITY: Water fowl, refuge, game shooting area, Indian artifacts
*Picnic area available

RESOURCE: Ox-Bow Park
Gresham, Oregon 97030
CONTACT: Mr. James Young
PHONE: 663-4708
GUIDED TOURS: No
GRADED LEVEL: All
LENGTH OF VISIT: No limit
GROUP SIZE: No limit
ADVANCE NOTICE: None required
TIME: Anytime
NATURE OF ACTIVITY: View many wild flowers, shrubs, trees and plant life

RESOURCE:
CONTACT:
PHONE:
GUIDED TOURS:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Hoyt Aboretum
CONTACT: Mr. Ernest Fischer
PHONE: 228-8732
GUIDED TOURS: Yes
GRADE LEVEL:. 2nd & up
LENGTH OF VISIT: 1½ - 2 hours
GROUP SIZE:1 class
ADVANCE NOTICE: 2 weeks
TIME: to be arranged
NATURE OF ACTIVITY: great variety of foreign and domestic trees
*Wear heavy shoes and socks and durable clothing
*Picnic facilities are available

RESOURCE: U.S. Forest Service
CONTACT: Mrs. Ann Heisler
PHONE: 255-0211 Ext. 34
GUIDED TOURS: No
GRADE LEVEL: All
LENGTH OF VISIT: Varied
GROUP SIZE: Unlimited
ADVANCE NOTICE: 2 weeks
TIME:to be arranged
NATURE OF ACTIVITY: According to age - Mt. Hood National Park areas, Zig-Zag Ranger Station, Toll Gate, Old Mt. Hood Highway, Trillium Lake (picnic area available)

RESOURCE:
CONTACT:
PHONE:
GUIDED TOURS:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Alpenrose Dairy
6145 S.W. Shattuck Rd.
CONTACT: Tour Dept.
PHONE: 244-1133
GUIDED TOURS: Yes
GRADE LEVEL: 1-2
LENGTH OF VISIT: 1½ hours
GROUP SIZE: Up to 50 students
ADVANCE NOTICE: Fall tour arranged to week before Thanksgiving - Spring tour after Jan 1.
TIME: 9:50, 10:15, 11:45, 12:30
NATURE OF ACTIVITY: Tour of plant, barns, baby animal barn, pony ride and a treat.

RESOURCE: Franz Bakery
340 N.E. 11th Ave.
CONTACT: Miss Mildred Gray
PHONE: 232-2191
GUIDED TOURS: Yes
GRADE LEVEL: 2nd & up
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 45 (including adults)
ADVANCE NOTICE: 1 - 2 weeks
TIME: 9:00 am to 4:00 pm except Tuesdays
NATURE OF ACTIVITY: Tour of plant includes entire processing of bread. Milk and hot bread served at end of tour. Educational material given at end of tour.

RESOURCE: Continental Bakery
103 N. Ivy
CONTACT: Home Economist
PHONE: 287-1114
GUIDED TOURS: Yes
GRADE LEVEL: 2 thru 5
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class (1 adult per 10 children)
ADVANCE NOTICE: 6 weeks - 2 months
TIME: to be arranged
NATURE OF ACTIVITY: Tour of plant, film, speaker. Would like more classes in fall and winter as spring fills up very fast.

RESOURCE: Carnation Co.
3342 S.E. Morrison
CONTACT: Miss Mary Blake
PHONE: 232-2131
GUIDED TOURS: Yes
GRADE LEVEL: 2nd & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: As soon as possible
TIME: 9:30 or 10:00 am
NATURE OF ACTIVITY: Film, tour, questions and answers and ice cream treat

RESOURCE: Grandma Cookie Co.
6220 S.W. 112th
CONTACT: Mrs. Day
PHONE: 643-4711
GUIDED TOURS: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1-2 classes, (1 adult per 10 students)
ADVANCE NOTICE: 1-2 weeks
TIME: Monday thru Friday
NATURE OF ACTIVITY: Tour of plant, view complete manufacturing various types of cookies and packaging. Children given hat, package of cookies and booklet.

RESOURCE: Helen Bernhard Bakery
1717 N.E. Broadway
CONTACT: Ben or David Bernhard
PHONE: 287-1251
GUIDED TOURS: Yes
GRADE LEVEL: 2nd & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: Selective basis
NATURE OF ACTIVITY: Production of cakes, cookies, pastries, view cake decorating

FOOD PROCESSING

RESOURCE: Mayflower Farms
2720 S.E. 6th
CONTACT: Hostess
PHONE: 234-8292 Ext. 264
GUIDED TOUR: Yes
GRADE LEVEL: 1st & up
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1-2 classes
ADVANCE NOTICE: 2 weeks
TIME: Tuesday
NATURE OF ACTIVITY: Processing & packing of milk, butter, powdered milk, cottage cheese, ice cream. Children must have large name tags, (first & last name) for safety.

RESOURCE: Nabisco
100 N.E. Columbia Blvd.
CONTACT: Receptionist
PHONE: 285-2571 Ext. 66
GUIDED TOUR: Yes
GRADE LEVEL: 5 and up
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1 class (1 adult per 10 students)
ADVANCE NOTICE: 2 weeks (Oct 1 to May 31)
TIME: 1:15 pm - Monday to Friday
NATURE OF ACTIVITY: Complete tour of plant, showing manufacture of crackers, cookies, and ice cream cones.

RESOURCE: White Satin Sugar
2600 N.E. Columbia Blvd.
CONTACT: Mr. Harry Gassner
PHONE: 282-5573
GUIDED TOUR: Yes
GRADE LEVEL: 7 & up
LENGTH OF VISIT: ½ to 3/4 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: Yes
TIME: 9 am to 2 pm
NATURE OF ACTIVITY: Bulk sugar - the making of liquid bulk sugar. Trip might be taken in conjunction with 7-Up Bottling Co.

RESOURCE: Meadowland Dairy
16430 S.E. Powell Blvd.
CONTACT: Manager
PHONE: 761-7575
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 30 min. per group of 25
GROUP SIZE: 2 classes
ADVANCE NOTICE: Yes - Tours only April & May
TIME: 1:00 pm (milking begins 1:30 pm)
NATURE OF ACTIVITY: See milking and may experience milking a cow. Visit to calf barns. View milk processing and making ice cream. Refreshments served.

RESOURCE: Seven-Up Bottling Co.
1231 N.E. Couch
CONTACT: Public Relations - Mrs. Stone
PHONE: 235-6623
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1 - 1½ hours
GROUP SIZE: Class
ADVANCE NOTICE: 2 weeks
TIME: Mon. thru Fri.
NATURE OF ACTIVITY: Complete tour of plant. Treats and souvenirs. Speaker: Mrs. Stone will come to school and present talk on background of the industry.

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Multnomah County Fire Districts
Dist. #10 - 761-7120
CONTACT: Dist. #12 - 771-9681
PHONE: Dist. #13 - 281-1261
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: ½ to 1 hour
GROUP SIZE: Class
ADVANCE NOTICE: 2 weeks
TIME: To be arranged
NATURE OF ACTIVITY: Tour fire station, tours vary from district to district. Demonstration on request for 2nd grade.

RESOURCE: Fireboat
3660 N.W. Front
CONTACT: Asst. Fire Chief
PHONE: 228-6141
GUIDED TOUR: Yes
GRADE LEVEL: No children under 12 can be taken
LENGTH OF VISIT: 30 minutes
GROUP SIZE: 1 to 2 classes
ADVANCE NOTICE: to be arranged
TIME: Mornings
NATURE OF ACTIVITY: Firefighting equipment demonstrated and explained.

RESOURCE: Good Samaritian Hospital
1015 N.W. 22
CONTACT: Mrs. Koranda
PHONE: 229-7408
GUIDED TOUR: Yes
GRADE LEVEL: 1 thru 8
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: P.M. Tuesday thru Thursday
NATURE OF ACTIVITY: Tour includes emergency room, cast room, laboratory, pediatrics, diet.

RESOURCE: Portland Fire Bureau
55 S.W. Ash
CONTACT: 228-6141 Ext. 492 or 485
PHONE:
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 45 mins.
GROUP SIZE: 1 class
ADVANCE NOTICE: Yes
TIME: By arrangement
NATURE OF ACTIVITY: Visit to any fire station.

RESOURCE: Emanuel Hospital
280 North Gantenbein
CONTACT: Sarah Humberg
PHONE: 280-4294
GUIDED TOUR: Yes (2 tours)
GRADE LEVEL: 1 & up
LENGTH OF VISIT: 1 - 2½ hours
GROUP SIZE: 30 (1 adult per 5 children)
ADVANCE NOTICE: 2 weeks
TIME: Thursday, P.M.
NATURE OF ACTIVITY: General tour of hospital and one geared to Health Careers

RESOURCE: Portland Adventist Hospital
6040 S.E. Belmont St.
CONTACT: Harold Wynne
PHONE: 235-8871
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 45 mins. to 1½ hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 10 am to 12 noon - Tues thru Thurs
NATURE OF ACTIVITY: Tour of various departments of hospital: x-ray, kitchen, blood bank, emergency room. Speakers: Physician, department heads, smoking.

RESOURCE: Providence Hospital
700 N.E. 47
CONTACT: Community Relations
PHONE: 234-8211
GUIDED TOUR: Yes
GRADE LEVEL: 4 & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1-2 weeks
TIME: Usually P.M., other can be arranged
NATURE OF ACTIVITY: Tour thru emergency room, laboratory, kitchen, physical therapy.

RESOURCE: Rehabilitation Institute of Oregon
2010 N.W. Kearney
CONTACT: Receptionist
PHONE: 229-7151
GUIDED TOUR: Yes
GRADE LEVEL: 7 and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: On arrangement
NATURE OF ACTIVITY: Observe occupational and physical therapy, nursing care -

RESOURCE: Tryon Creek Sewage Treatment Plant
195 Foothills Road - Oswego, Ore.
CONTACT: Supervisor, Jim Burns
PHONE: 636-3723
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9 am to 2 pm - Monday thru Friday
NATURE OF ACTIVITY: Complete sewage treatment plant. Speaker available, lab display.

RESOURCE: St. Vincent Hospital
CONTACT: Mrs. Sheets
PHONE: 297-4411
GUIDED TOUR: Yes
GRADE LEVEL: 1-12
LENGTH OF VISIT: 1 hour
GROUP SIZE: 20 and under
ADVANCE NOTICE: 1 month
TIME: Monday thru Friday - 1 to 4 PM
NATURE OF ACTIVITY: Primary grades-'Birds eye" view of hospital and slides of child's experience in hospital. Grades 7-12, emphasis on health careers.

RESOURCE: Traffic Safety Commission
City Hall
CONTACT: Director of Traffic Safety Commsn.
PHONE: 228-6141
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: to be arranged
GROUP SIZE: 1-2 classes
ADVANCE NOTICE: 1 week
TIME: to be arranged
NATURE OF ACTIVITY: Speaker: CityCouncil Room - also available police officers who visit schools

RESOURCE: Water Pollution Control
Sandy Blvd. at 201 Ave.
CONTACT: Mr. Stan VanDerZanden
PHONE: 665-4612
GUIDED TOUR: Yes
GRADE LEVEL: 5 and up
LENGTH OF VISIT: 30 to 60 minutes
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: 9 am to 3 pm
NATURE OF ACTIVITY: Tour of sewage disposal plant.
*Opens April, 1973.

RESOURCE: Apple Tree First
E. 2nd Street - Vancouver Wn.
CONTACT:
PHONE:
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY: Apple seed brought from England and planted in 1828 by Dr. McLoughlin
*Side trips if you are in Vancouver
*Drive-by viewing only

RESOURCE: Capitol - Legislature
Salem, Oregon 97310
CONTACT: Frances Hargis - Chief Capitol Guide
PHONE: 378-4423
GUIDED TOUR: Yes (10¢ charge)
GRADE LEVEL: 7 & up
LENGTH OF VISIT: Optional
GROUP SIZE: Up to 200
ADVANCE NOTICE: 3 weeks
TIME: 10:00 am
NATURE OF ACTIVITY: View House of Representatives, Senate, Governors Office

RESOURCE: Clark County Historical Museum
16th & Clark - Vancouver Wn.
CONTACT: Museum - closed Mondays
PHONE: 1-206-695-4681
GUIDED TOUR: Yes
GRADE LEVEL: 3rd & Up
LENGTH OF VISIT: 1 hour
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: 9 am - noon on reservation
1pm-5pm Tues-Fri
NATURE OF ACTIVITY: Pioneer doctor's office, an 1890 store, printing press and doll display - 30 minutes lecture
*Combine tour with Fort Vancouver Historical Site and Grant Museum

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RESOURCE: Bridges across Willamette
CONTACT:
PHONE:
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT:
GROUP SIZE: Any
ADVANCE NOTICE: None
TIME: Any
NATURE OF ACTIVITY: Visit all bridges

RESOURCE: Champoeg State Park & Museums
CONTACT: Mrs. Ethel Bowlsby
PHONE: 678-5365
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT: Varied
GROUP SIZE: Unlimited
ADVANCE NOTICE:
TIME: 11 am - 5 pm - Tues. thru Fri.
Museum closed Dec. & Jan
NATURE OF ACTIVITY: Visit to historical site - 3 museums on grounds - Mother's Cabin (10¢ students - 25¢ adults)
*Combine trip to Canby Ferry

RESOURCE: Fort Vancouver National Historical Site
Evergreen Blvd.
CONTACT: Park Office
PHONE: 1-206-695-3481 Ext. 218 or 219
GUIDED TOUR: Yes
GRADE LEVEL: 3 and up
LENGTH OF VISIT: 1 hour
GROUP SIZE: Up to 50
ADVANCE NOTICE: 2 weeks
TIME: 8 am to 4:30 pm Mon. thru Fri.
NATURE OF ACTIVITY: Tools used by pioneers and trappers. Speaker available.
*Combine trip with Clark County Museum, Old Apple Tree, Grant House and Lelooska's Potlatch House.

RESOURCE: Grant, Ulysses S., Museum
1106 E. Evergreen Blvd. Vancouver
CONTACT: Mrs. Brusseau
PHONE: 693-9743
GUIDED TOURS: No
GRADE LEVEL: All
LENGTH OF VISIT: ½ hour - 45 mins.
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME: 9:30 am - 4 pm (not Thursday)
NATURE OF ACTIVITY: Many historical exhibits, Indian artifacts
*May combine with Pt. Vancouver Site, Lelooska's Potlatch House

RESOURCE: McLaughlin House
7th & Center - Oregon City
CONTACT: Curator or Hostess
PHONE: 656-5146
GUIDED TOUR: Yes (10¢-students 50¢-adults)
GRADE LEVEL: 3rd & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: Early in school year
TIME: 10 am Tues-Fri
NATURE OF ACTIVITY: Tour of historic house with historic artifacts

RESOURCE: Oregon Historical Society
1230 S.W. Park
CONTACT: Mrs. Mary Ann Amacker
PHONE: 222-1741
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 1-1-1/4 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 3-4 weeks
TIME: 10 am, 11:15 am, 12:30pm, 1:45 pm Mon-Fri
NATURE OF ACTIVITY: Changing exhibits, relating to varied Northwest history topics.

RESOURCE: Lelooska's Potlatch House
Arierl, Wn.
CONTACT: OMSI - Mrs. Dorothy Mason
PHONE: 226-4518 Ext. 33
GUIDED TOUR: Special program - 50¢ charge
GRADE LEVEL: All
LENGTH OF VISIT: 3 hours
GROUP SIZE: no limit
ADVANCE NOTICE: several weeks
TIME: 10:30 am or by arrangement
NATURE OF ACTIVITY: Authentic Indian dances, songs and legends while in Potlatch House
*May combine with Pt. Vancouver Site, Grant Museum, old Apple Tree, Clark County Historical Museum

RESOURCE: Multnomah County Courthouse
1021 S.W. 4th
CONTACT: Mr. Jerry Justice
PHONE: 227-8411 Ext. 251
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 1-1½ hours
GROUP SIZE: 30
ADVANCE NOTICE: 1-2 weeks
TIME: 9:30-11:00 am 1:30-3 pm Mon.-Fri.
NATURE OF ACTIVITY: 2 different tours
1. Sheriff's radio room and investigation office
2. Judge interview and court action
*Classroom speaker available
*Combine with trip to Police Station

RESOURCE: Oregon Historical Trip
Columbia River Gorge
CONTACT:
PHONE:
GUIDED TOUR: No
GRADE LEVEL: 4 and up
LENGTH OF VISIT: 1/2 day
GROUP SIZE: bus load
ADVANCE NOTICE:
TIME: 9:30 am - Lunch at Eagle Creek State Park
NATURE OF ACTIVITY: Follow old Oregon Trail, Chanticleer Point, Crown Point and Vista House State Parks, Beacon Rock

RESOURCE: Oregon Museum of Science & Industry (OMSI)
CONTACT: Education Dept. - School Tours
PHONE: 224-9500
GUIDED TOUR: Yes (25¢ charge students)
GRADE LEVEL: All (35¢ extra for Planetarium Visit)
LENGTH OF VISIT: Varies
GROUP SIZE: Varies
ADVANCE NOTICE: 2-3 weeks
TIME: 9:30 am daily
NATURE OF ACTIVITY: Exhibits and demonstrations in all areas of science.

RESOURCE: Statues and Monuments
CONTACT: Refer to IED catalog for complete list
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY: Side trips for field trips in other areas

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

90

RESOURCE: Pittock Mansion
Out west Burnside
CONTACT: Mrs. Mary Alice Snead
PHONE: 222-1432
GUIDED TOUR: Yes - on request-charge*
GRADE LEVEL: 4th and up
LENGTH OF VISIT: 30 - 45 minutes
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: 1 - 5 pm Wednesday thru Fri.
NATURE OF ACTIVITY: Tour of building and grounds. Guide on request.
*Fees: $1.00 - Adults (50¢ Friday)
.50 - 15yrs. & up (25¢ Friday)
.25 - 6-14 yrs. (15¢ Friday)

RESOURCE: Vernonia Fossil Area
CONTACT: Mrs. Dorothy Mason
PHONE: 224-9500
GUIDED TOUR: Yes - if OMSI is used
GRADE LEVEL: 4th and up
LENGTH OF VISIT: 7½-8 hours
GROUP SIZE: 1 class
ADVANCE NOTICE:
TIME: Spring and fall
NATURE OF ACTIVITY: Digging of fossils and nature observation.
*Charge is made for OMSI facilities, but trip could be taken on your own at reduced cost.

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: City of Portland - City Hall-Court
CONTACT: Wayne LeLand
PHONE: 228-6141 Ext. 249
GUIDED TOUR: Yes
GRADE LEVEL: 4 and up
LENGTH OF VISIT:
GROUP SIZE: Class
ADVANCE NOTICE: 1 week
TIME: Arranged on contact
NATURE OF ACTIVITY: City Council, Wed. 9:30; Thursday-2:00; Portland Police & Municipal Court

RESOURCE: Dept. of Interior
1002 N.E. Holiday-P.O. 3621
CONTACT: John R. Ulrich Zip 97208
PHONE: 234-3361 Ext. 5131
GUIDED TOUR: Yes
GRADE LEVEL: 5 & up (1 adult per 10)
LENGTH OF VISIT: Vary
GROUP SIZE: 1 class
ADVANCE NOTICE: Written
TIME: to be arranged - PM - Mon.-Fri.
NATURE OF ACTIVITY: Computers - Written request required

RESOURCE: Library Assn. Of Portland
801 S.W. 10th -
CONTACT: Miss Greig
PHONE: 223-7201 - Ext. 25
GUIDED TOUR: Yes
GRADE LEVEL: K-8
LENGTH OF VISIT: 1½ hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: A.M.
NATURE OF ACTIVITY: Tour explains each dept. and work accomplished.

RESOURCE: Commission of Public Docks
3070 N.W. Front
CONTACT: Lloyd Tower
PHONE: 233-8331
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up (1 adult per 10 students)
LENGTH OF VISIT: 1-2 hours
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 month
TIME: Daily, A.M.
NATURE OF ACTIVITY: Terminal #1 & #2. Loading and unloading cargo

RESOURCE: Dept. of Interior - Bonneville Dam
1002 N.E. Holiday
CONTACT: John R. Ulrich
PHONE: 234-3361 Ext. 5131
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT:
GROUP SIZE: Small
ADVANCE NOTICE: Written request
TIME: to be arranged
NATURE OF ACTIVITY: Distribution of line power

RESOURCE: Pacific Power & Light
920 S.W. 6th
CONTACT: Mrs. Coleman
PHONE: 226-7411
GUIDED TOUR: Yes
GRADE LEVEL: 3-6
LENGTH OF VISIT: to be arranged
GROUP SIZE: 1 class
ADVANCE NOTICE: Yes
TIME: to be arranged
NATURE OF ACTIVITY: Visit power plant and fish hatcheries at Lewis River and Merwin Dam, Wn. *Speaker available in classroom.

RESOURCE: Police Dept. of Portland
222 S.W. Pine
CONTACT: Lt. Smith
PHONE: 226-7551 Ext. 318
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up
LENGTH OF VISIT: 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 month
TIME: 12 - 2 pm - Tues. Wed. Thurs.
NATURE OF ACTIVITY: See All divisions and departments.

RESOURCE: Port of Portland - Swan Island
Ship Repair Yard
CONTACT: 710 S.W. 2nd
PHONE: 224-4260
GUIDED TOUR: No
GRADE LEVEL: 5th & up
LENGTH OF VISIT: no time limit
GROUP SIZE: class
ADVANCE NOTICE: 1 week
TIME:
NATURE OF ACTIVITY: Dry Docks

RESOURCE: United Good Neighbors
718 West Burnside
CONTACT: Miss Elliott
PHONE: 228-9131
GUIDED TOUR: Yes
GRADE LEVEL: K-8
LENGTH OF VISIT: Varies
GROUP SIZE:
ADVANCE NOTICE: 1 week
TIME: Varies
NATURE OF ACTIVITY: Speakers - from various agencies - Film

RESOURCE: Portland General Electric Co.
621 S.W. Alder
CONTACT: Keith Loeffler
PHONE: 228-7181 Ext. 362
GUIDED TOUR: Yes
GRADE LEVEL: 4 and up
LENGTH OF VISIT: Varies
GROUP SIZE: Class
ADVANCE NOTICE: 2 weeks
TIME: Arranged
NATURE OF ACTIVITY: Speaker before trip at school. Trip - North Fork Dam - River Mill Dam - hydro-electire plant - *Eat lunch - Promontory State Park

RESOURCE: Weather Bureau - Portland and U.S.
5420 N.E. Marine Drive
CONTACT: James Wakefield
PHONE: 281-6271 *(unlisted)
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: varies
GROUP SIZE: 1 class
ADVANCE NOTICE: 1-2 weeks
TIME: varies
NATURE OF ACTIVITY: Weather Bureau Forecast - FAA Flight Service Office

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Columbian-Construction Helicopters Swan Island
CONTACT: Ken Foote
PHONE: 285-9155
GUIDED TOURS: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 15 minutes
GROUP SIZE: 1 class
ADVANCE NOTICE: 1 week
TIME: Daily
NATURE OF ACTIVITY: Trip gives opportunity to examine helicopters
*Combine with tours of other Swan Island Industries

RESOURCE: Portland International Airport
CONTACT: Miss Lorri Alberts
PHONE: 233-8331 Ext. 385
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 45 mins. - 1 hour
GROUP SIZE: 30
ADVANCE NOTICE: 3-8 weeks
TIME: 8 am - 4:30 pm Mon. thru Fri.
NATURE OF ACTIVITY: Observe air traffic, boarding, baggage handling, slide presentation.

RESOURCE: Skyways (Troutdale Airport)
CONTACT: Al Kampin
PHONE: 665-1181
GUIDED TOUR: Yes
GRADE LEVEL: 6th & up
LENGTH OF VISIT: 2 hours
GROUP SIZE: no limit
ADVANCE NOTICE: 2 weeks
TIME: 9am-12noon - 1pm-4:30pm Mon. thru Fri.
NATURE OF ACTIVITY: Skyways operation, planes, repair, tour of tower and ground school. Airplane ride for $2.00.

RESOURCE: Gray Line Boat Tours Boat Tour
CONTACT: 226-6755
PHONE:
GUIDED TOUR: Narration during trip
GRADE LEVEL: All
LENGTH OF VISIT: 2 hours
GROUP SIZE: Up to 100
ADVANCE NOTICE: Yes - early
TIME: After April 1
NATURE OF ACTIVITY: River Tour of Portland Harbor

RESOURCE: AM-TRACK Train Ride to Vancouver
CONTACT: Mr. Bannister
PHONE: 221-1300 Ext. 2263
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT:
GROUP SIZE: 1 class
ADVANCE NOTICE: Port. DT 9:00-9:20
Vanc. DT 11:50-12:15
TIME: 2 wks. notice
NATURE OF ACTIVITY: Train ride to Vancouver - Park nearby to eat lunch.

RESOURCE: USS Rasher - Swan Island
CONTACT: Mr. S. Rasher
PHONE: 289-5858
GUIDED TOUR: Yes
GRADE LEVEL: 5th & up (Not allowed under 10 yr.)
LENGTH OF VISIT: (1 adult per 5)
GROUP SIZE: No limit
ADVANCE NOTICE: 1 week
TIME: 9am-2pm
NATURE OF ACTIVITY: Tour Sub

TRANSPORTATION II

RESOURCE: Greyhound Central Bus Depot
509 S.W. Taylor
CONTACT: R.J. Klinger
PHONE: 228-5171
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: 30 mins.
GROUP SIZE: Class
ADVANCE NOTICE: 1 week
TIME: 10-10:30; 2:30-3:00
NATURE OF ACTIVITY: Tour of facilities

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

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RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

ZOOLOGICAL

RESOURCE: Audubon Society of Oregon
5151 N.W. Cornell
CONTACT: Caretaker
PHONE: 292-6855
GUIDED TOUR: On request
GRADE LEVEL: All
LENGTH OF VISIT: 2 hours
GROUP SIZE: Class - 1 adult with 10 children
ADVANCE NOTICE: 2 weeks
TIME: Sept., Oct., April, May best times
NATURE OF ACTIVITY: Presentation - slides - Tour on marked trail - Speakers available to schools.

RESOURCE: Humane Society
1067 N.E. Columbia Blvd.
CONTACT: Bob Hillman
PHONE: 285-0641
GUIDED TOUR: Yes
GRADE LEVEL: All
LENGTH OF VISIT: Over 1 hour
GROUP SIZE: 1 class
ADVANCE NOTICE: 2 weeks
TIME: 9am to 3pm - Tues. & Wed. preferred
NATURE OF ACTIVITY: Tour and discussion
Film "Home for Butch"

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Boyd's Pet Shop
5540 East Burnside
CONTACT: Bob Boyd
PHONE: 232-6830
GUIDED TOUR: No
GRADE LEVEL: All
LENGTH OF VISIT: ½ hour
GROUP SIZE: 15 children
ADVANCE NOTICE: Yes
TIME: After 10 am daily
NATURE OF ACTIVITY: Due to size of shop, prefer group limited to 15. Will see small animals.

RESOURCE: Portland Zoological Soiciety
4001 S.W. Canyon Road
CONTACT:
PHONE: 226-7639
GUIDED TOUR: 3rd & up
GRADE LEVEL: All
LENGTH OF VISIT: To be arranged
GROUP SIZE: No limit
ADVANCE NOTICE: Only for guided tour
TIME: 10 am
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE: Army Corps. of Engineers

CONTACT: Public Affairs

PHONE: 777-4441

GUIDED TOUR: Speaker Resources

GRADE LEVEL: 4-6

LENGTH OF VISIT: To be arranged

GROUP SIZE:

ADVANCE NOTICE: 1 week

TIME: To be arranged

NATURE OF ACTIVITY: Slides and A.V. materials:
Re: Columbia River, Navigation,
Environment - whatever topic teacher requests

RESOURCE:

CONTACT:

PHONE:

GUIDED TOUR:

GRADE LEVEL:

LENGTH OF VISIT:

GROUP SIZE:

ADVANCE NOTICE:

TIME:

NATURE OF ACTIVITY:

RESOURCE:

CONTACT:

PHONE:

GUIDED TOUR:

GRADE LEVEL:

LENGTH OF VISIT:

GROUP SIZE:

ADVANCE NOTICE:

TIME:

NATURE OF ACTIVITY:

RESOURCE:

CONTACT:

PHONE:

GUIDED TOUR:

GRADE LEVEL:

LENGTH OF VISIT:

GROUP SIZE:

ADVANCE NOTICE:

TIME:

NATURE OF ACTIVITY:

RESOURCE:

CONTACT:

PHONE:

GUIDED TOUR:

GRADE LEVEL:

LENGTH OF VISIT:

GROUP SIZE:

ADVANCE NOTICE:

TIME:

NATURE OF ACTIVITY:

RESOURCE:

CONTACT:

PHONE:

GUIDED TOUR:

GRADE LEVEL:

LENGTH OF VISIT:

GROUP SIZE:

ADVANCE NOTICE:

TIME:

NATURE OF ACTIVITY:

BLANK FORM FOR TEACHER USE

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

RESOURCE:
CONTACT:
PHONE:
GUIDED TOUR:
GRADE LEVEL:
LENGTH OF VISIT:
GROUP SIZE:
ADVANCE NOTICE:
TIME:
NATURE OF ACTIVITY:

AUDIO-VISUAL RESOURCES

I. Idea Book

Bulletin Boards
Films
Filmstrips
Film Loops
Kits
Slides
Study prints
Records
Transparencies

II. Multnomah I.C.D. - Phone 255-1841

Contact Career Specialist

III. IPAR — Speakers Bureau

Phone - 222-4421

IV. Visualmaker Kit

3 kits available from Area II Office on loan for 2 to 3 days. Includes: Instamatic camera, flash bulbs, film and processing and copy stand and instructional guide.

V. "What Daddies Do". Slides & tape. K-3 - On loan from Mr. Wallis, Area II Office.

VI. Teacher's Resource

World of Work, by Charleta J. Dunn and Bill F. Payne.

VII. Tape recorders on loan from Mr. Wallis, Area II Office.

VIII. Educators Guide to Free Films (Postage Charge)

IX. Educators Guide to Free Filmstrips (Postage charge)

X. Educators Guide to Free Materials

XI. Oregon State System of Higher Education— Educational Films and Tapes

XII. Department of Interior - Jim Hagle, Manager Public Relations - 234-3361
A.V. Materials - Speakers Bureau
—Johnny Horizon Kit & Poster
—Ecology, Pollution Pamphlets, Publications for Children

XIII. Porter-Scarpelli Macaroni
Mr. Curtin - 3510 N.E. Broadway
281-1245 -
Film & 10-15 min. talk - Grades K-6
Advance Notice - 1 month

RESOURCE SPEAKERS FOR K-6

All invited speakers should:

(1) Be asked to bring pertinent tools, uniform or dress (hard hat or gloves), and equipment.

(2) Be prepared to demonstrate or explain their particular job.

(3) Stress to the students the necessity for the worker being punctual.

(4) Stress to the students the necessity for the worker being to work every day.

(5) Stress to the students the importance of education to the job.

Partial Listing of suggested speakers from various careers:

(1) Farmer
- —County Agent
- —Nurseryman
- —Dairyman
- —Truck Farmer

(2) Construction
- —Cement Worker
- —Carpenter
- —Brick Layer
- —Plumber
- — Electrician
- — Painter
- —Roofer
- —Architect

(3) Forestry
- —Choke Setter
- —Logger
- —Scaler
- —Topper
- —Trucker
- —Millworker
- —Millwright
- —Sawyer
- —Sorter
- —Grader

(4) Stores
- —Clerk
- —Checker
- —Buyer
- —Designer

(5) Health
- —Nurse and Aides
- —Dietitian
- —Dentist

(6) Postal
- —Mail Carrier
- —Sorter
- —Truck Driver
- —Special Delivery

(7) Communication
- —Television Announcer
- —Disc Jockey
- —Newsman
- —Station Engineer
- —Telephone Repairman
- —Telephone Operator
- —Newspaper Editor
- —Newspaper Reporter

(8) Transportation

Rail—Clerks, Typist, Conductor, Engineers, Agent, Track Layer, Track Maintenance

Bus-Trucks—Driver, Package Handler, Ticket Seller

Airlines—Pilots, Engineers, Air Traffic Control, Ticket Clerks, Reservation Clerks, Food Handlers, Stewards, Stewardesses, Maintenance Crews

(9) Science
- —Scientist
- —Environmental Specialists

BIBLIOGRAPHY

DUNN, CHARLETA J. AND PAYNE, BILL F. — WORLD OF WORK — The Leslie Press, Dallas, Texas 1971

MULTNOMAH INTERMEDIATE EDUCATION DISTRICT. — MULTNOMAH COUNTY FIELD TRIP GUIDE

PORTLAND PUBLIC SCHOOLS. — AUDIOVISUAL MATERIALS SUPPLEMENT 1972 CUMULATIVE

PORTLAND PUBLIC SCHOOLS, AREA II — CAREER EDUCATION, AN IDEA BOOK — Portland Public Schools 1971

PORTLAND PUBLIC SCHOOLS — THE COMMUNITY - OUR CLASSROOM

STATE OF WASHINGTON, COORDINATING COUNCIL FOR OCCUPATIONAL EDUCATION — CAPES — Part 3, What About Vocational Education?

SPRINGFIELD PUBLIC SCHOOLS — GUIDELINES FOR AN EXPLORATORY CAREER EDUCATION PROGRAM GRADES 7-10 — Springfield Public Schools Springfield, Oregon 1971